Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.





Prompt and Efficient Service by Mail and Express



It is more convenient for many of our customers to order their seeds and bulbs by mail than to call at our store. For those customers, this catalogue is specially written and mailed, free, to all who have favored us with their orders during the past year and to any others who are interested in gardening and ask for it.

Whether you call at our store for your seeds and garden supplies or order them by mail, we can assure you of the same prompt and courteous attention and the same helpful interest in your garden success.

NEW CHARGE ACCOUNTS

We Especially Invite Charge Accounts. A charge account is more convenient than to remit for each order at the time it is sent; you pay no more for your goods by reason of this accommodation.

When sending your first order, send us the name and address of some one with whom you already have a charge account. This saves time.

REGARDS C. O. D. SHIPMENTS

Goods can be sent C. O. D., with the exception of perishable items, which include plants and cold-storage bulbs; these cannot be sent C. O. D. No C. O. D. shipments for any kind of goods can be made by express or freight out of town unless one-fourth of the total amount accompanies the order.

SHIPPING INSTRUCTIONS

Always state by what method you want goods forwarded, otherwise we will ship according to our best judgment.

INFORMATION CHEERFULLY GIVEN

We make a specialty of giving, by letter, any information our customers require in Gardening Matters. Do not hesitate to call on us.

PLEASE ORDER EARLY

We shall greatly appreciate it if our customers will adopt our suggestion to send us their spring orders for seeds, plants and bulbs as early as possible. Shipments need not be made until you want the goods.

PARCEL POST SHIPMENTS AT OUR EXPENSE

We pay postage charges on all orders for packets, ounces, quarter-pounds and pounds. If larger quantities are wanted by mail, remit for postage at the rates quoted in table below.

	Domestic Parcel Post Rates from Cleveland, Ohio, to Any Other Postoffice in the United States	For For Each First Addi- Pound tional Allow Lb. Add	
Į	1st zone within 50 miles		1
ì	2nd zone within 50 to 150 miles	07 .0	1
ŀ	3rd zone within 150 to 300 miles	08 .03	2
ı	4th zone within 300 to 600 miles	09 .0	4
ı	5th zone within 600 to 1000 miles		6
ı	6th zone within 1000 to 1400 miles		8
ļ	7th zone within 1400 to 1800 miles		
ı	8th zone over 1800 miles		

Weight limit within the first, second, and third zones is 70 pounds; within the other zones the weight limit is 50 pounds. In all zones, the size limit is 84 inches for combined length and girth.

Notice to Market Gardeners and Florists

Growers of vegetables or flowers for market can save money by sending for our Special Market Gardeners' and Florists' Price List, at once. It will be sent only to those who grow for market, and will not be sent to private gardeners. We eater to the most critical trade.

NOTICE—PLEASE READ

We cannot Guarantee the Well-Doing of any seeds, plants or bulbs we send out, having no control over conditions—therefore:

Johnson's Seed Store gives no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, plants or bulbs they send out and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

WHY OUR SEEDS ARE RELIABLE. We grow what we can under our own supervision from our own pedigreed seed-stock. What we cannot grow under our own supervision we purchase by contract from professional growers whose reputation must be maintained.

JOHNSON'S TESTED SEEDS. Every lot of seed that comes into our store or warehouse is carefully tested for germination.

JOHNSON'S SEED STORE

SEEDS THAT PRODUCE

2172 East Ninth Street

CLEVELAND, O. Telephone CHerry 6644-6645

Just South of Prospect Ave., West Side of E. Ninth St. Cleveland's Largest and Most Convenient Seed Store

To Our Customers and Friends

GARDENING is recommended to all as the most fascinating, congenial form of open-air exercise. Besides the great health building results that are sure to ensue from a short time each day at garden work, you will be delighted at the results of your crops and the saving in household expenses. It is a pleasure to us to serve you and any information desired we will gladly give.

The selection of seed stocks is exceedingly important and we spare neither time nor expense in endeavoring to improve upon what we now own, but also to test out new varieties before cataloguing them.

Our mail order department is well equipped to handle our increasing business; however, we would ask you to send in your orders at your earliest convenience, to enable us to give prompt attention before our rush season begins.

Cleveland, Ohio, Jan. 1, 1929.

Yours for Garden Success, JOHNSON'S SEED STORE

Hardy Lilies For Spring Planting

We especially recommend deep planting, say, from 6 to 8 inches deep; varieties like Speciosums require at least 8 inches, with an ample amount of sand beneath the bulb to insure proper drainage. Cover the beds with leaves or litter during winter. Lilies thrive well in borders, formal gardens, or shrubbery, and usually flower at a time when the shrubbery has ceased blooming, adding increased interest.

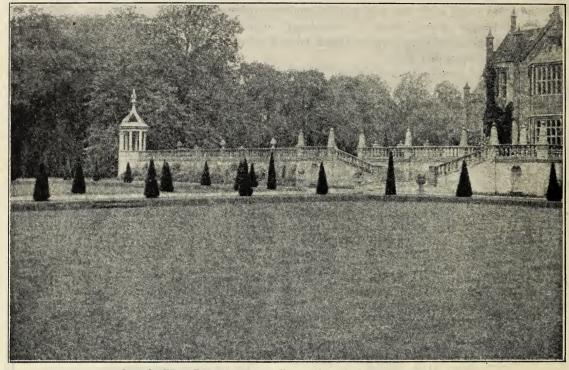
If Lily bulbs are to be sent by parcel post, add postage at your zone rate. Bulbs 11x13 and 12x14 inches, weight 8 ounces; 9x10 and 9x11 inches, 6 ounces; 7x9 inches, 4 ounces; all other varieties, 2 ounces.

Prices Subject to Change

	·
Each Doz.	Each Doz.
AURATUM (Gold-banded Lily).	SPECIOSUM MAGNIFICUM.
Ivory-white with central	Flowers larger than any of
band of yellow and numer-	the other Speciosums.
ous purple spots. Mam-	Rose, heavily spotted with
moth Bulbs\$0.55 \$5.50	rich crimson.
Jumbo Bulbs	Large Bulbs\$0.50 \$5.00
Monster Bulbs 1.50 15.00	Mammoth Bulbs 70 7.00
AURATUM PLATYPHYLLUM	Jumbo Bulbs 1.20 12.00
(Macranthum). A giant	SPECIOSUM MELPOMENE.
Lily. Similar in color to	Large, rich carmine flowers,
Auratum, but much larger	heavily spotted blood-red.
and with fewer spots75 7.50 HENRYI, Large panicles of	Large Bulbs
orange-yellow flowers.	Mammoth Bulbs
banded with green; robust	SPECIOSUM RUBRUM or
and long-lived	ROSEUM. White, shaded
KRAMERI. Pure blush-pink,	with deep rose, and spotted
fragrant, beautiful trumpet-	red. Magnificent; free-
shaped flowers on 3-ft.	blooming.
stems in August	9x11-in. circumference45 4.50
REGALE (Myriophyllum). Trumpet-shaped, white	11x13-in. Mammoth Bulbs65 6.50
flowers; shaded brown in-	TIGRINUM FLPL. Double
side	orange flowers, spotted
SPECIOSUM ALBUM. Pure	black Mammoth Bulbs35 3.50
white, with green band in	TIGRINUM SPLENDENS. Rich
center of each petal; ex-	scarlet with dark spots.
quisitely dainty and beautiful; very fragrant	Mammoth Bulbs
-ui, roij iiugiuiit00 0.00	Manimoth Dates 100 0100

Johnson's High Grade Lawn Seed

THE BEST SEED MAKES THE BEST LAWN



Smooth, Firm, Evergreen Lawns From Johnson's Lawn Grass Mixtures

ABOUT LAWNS AND LAWN GRASS SEED

Formation of Lawns from Seed

There is nothing more attractive than a well-kept lawn.

The ground should be thoroughly drained and well prepared. The soil ought not to be too rich, as a rapid growth is not wanted in the grasses of a lawn; but the surface should be as much alike in quality as possible and thoroughly pulverized. After sowing, the ground should be rolled if possible, in order to press the seed firmly into the soil, and ten days or so thereafter a light application of Johnson's Lawn Fertilizers will serve to stimulate the growth of the young grasses. The proper time to sow grass seed depends, of course, upon latitude. In the central and eastern states from March 15th to the middle of May is the best time; but in favorable seasons the sowing may be done up to July 1st. Seed may also be sown in the fall, from the latter part of August to the end of October or later, depending upon the weather. The sowing should be done when the ground is moist, or before an expected rain, and a subsequent rolling is always advisable. As to weeds in newly-made lawns, it may not be generally known that many weed seeds actually lie dormant in the ground for six or seven years and will germinate and make their appearance when the soil is turned up. The annual wild grasses, such as crab grass or summer grass, must be pulled up by the roots before they ripen their seed in the fall.

Johnson's "Reliable" Mixture

An Ideal Lawn Seed Mixture-Cleanest; Best; Cheapest

The Best for General Purposes

Our "Reliable" Lawn Grass Seed is the cleanest, heaviest, cheapest and best, because it is made up of Extra Recleaned Seeds of the finest varieties of grasses, each of which has its season of beauty and the result is the production of a sod that is always evergreen and velvety. Many of the finest lawns of our city are seeded with Johnson's Reliable Lawn Grass, the preparation of which is a specialty with us. Less seed of Johnson's Reliable is required than of any other brand. Hence it is economical in the end. 1 lb. will sow 400 square feet. Lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00; 20 lbs., (1 bu.), \$9.00.

LAWN SEED—Continued

Johnson's "Economy" Lawn

Seed

A good clean mixture for general purposes

This special mixture produces beautiful and permanent lawns. It is made from our own formula, and composed of grasses which are adapted for the purpose of producing a lawn which retains its rich green color and velvety appearance throughout the summer and fall. It is well suited for various soil conditions, giving good results even in small city grass plots, where the soil is generally stiff and heavy. Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 20 lbs. (1 bu.), \$7.00.

Johnson's "Shady Spot"

This is a very high grade mixture of grasses which naturally grow in shady spots. Before sowing in such places, it is well to rake off the surface thoroughly and then apply air slaked lime at the rate of one bushel to every 1,000 square feet. Use one pound of seed for every 300 square feet. Lb., 65c; 5 lbs., \$3.00; 10 lbs., \$5.50; 20 lbs., (1 bu.), \$10.00.

Johnson's "Quick Growth"

A special mixture of seeds which is especially useful where for some reason or other the seed cannot be sown in early spring. Our Quick Growth mixture will cover the ground like magic, but later on produce a permanent and beautiful sod. Lb., 50c; 5 lbs., \$2.00.

Grass Seed Mixtures for Terraces

A mixture of strong, deep-rooted grasses for banks or terraces. Although the grasses are strong and deep-rooted, they will produce a fine green velvety surface, and also prevent washing away during heavy rains. Lb., 90c; 5 lbs., \$4.00; 10 lbs. \$7.50.

Miscellaneous Grasses Special Prices on Application

All Prices quoted for Miscellaneous Grass Seeds are Subject to change without notice

BLUE GRASS. Fancy Kentucky (Poa pratensis). Our stock of this is extra fine, thoroughly recleaned; sow 3 to 5 bu. per acre on lawns, 2½ to 3 bu. on pasture fields (bu. 14 lbs.), Lb., 90c; 5 lbs., \$4.00; 10 lbs., \$7.50; 25 lbs., \$12.00.

BLUE GRASS. Canadian (Poa Compressa). Makes an ideal pasture; excellent also for sowing on embankments; sow in same proportions as Kentucky Blue Grass Seed (bu. 14 lbs.). Lb., 90c; 5 lbs., \$4.00; 10 lbs., \$7.50.

CREEPING BENT (Agrostis stolonifera). Succeeds well in moist situations. Lb., \$1.75.

RED FESCUE. For meadows or pasture on dry, hard or sandy soil. It is very hardy, a true perennial, growing from 1 to 2½ feet high. Lb., \$1.50.

HARD FESCUE. (Bu. 14 lbs.). Emphatically a grass for dry lands, doing well on sandy and shallow silicious soils. Exceedingly hardy and withstands extremes of heat, cold and drought. Write for prices.

WOOD MEADOW GRASS (Poa memoralis). A very productive Grass, adapted for lawns or pastures. Thrives well under trees. Very scarce. Lb., \$1.25.

PERENNIAL RYE (Lolium perenne). Affords pasture very early in the spring. Sow early in the spring at the rate of 1 to 1½ bushels to the acre. Lb., 50e; 5 lbs., \$2.25.

RHODE ISLAND BENT (Agrostis canina). A very fine variety for lawn and pasture. Ask for prices.

NEW ZEALAND CHEWING FESCUE. New crop. Fancy seed. Lb., \$1.25.

CRESTED DOGTAIL (Cynosurus cristatus). An excellent Grass for hard, dry soils. Sow 25 lbs. per acre. Lb., \$1.75.

Permanent Grass Seed

For Golf Links, Tennis Courts, Polo Grounds, Etc.

We have devoted much attention to the seeding and preservation of golf links, tennis courts and polo grounds, and offer the following mixtures, which have been used on many of the finest links, etc., in this country, with very satisfactory results. Bags at cost and transportation extra. Prices subject to market fluctuation during the season.

Golf Links Fair-Green Mixture

For the grounds in general. Made up from varieties of grasses perfectly adapted to rough usage. Will produce a beautiful, thick, tough lawn in a short time, and will maintain its appearance better than others, in spite of wear and dry weather. For Golf Links this mixture is equal if not superior to many golf link grasses now in use. Lb., \$1.00; 5 lbs., \$4.50; 10 lbs., \$8.00; 20 lbs., \$14.00; 100 lbs., \$45.00.

Putting-Green Mixture

Our own special formula as furnished all the leading Golf Clubs in America. A mixture of highest grade grasses, that will make a close, firm green and lasting turf, which will improve with tramping. 5 lbs., \$4.00; 10 lbs., \$7.50; 25 lbs., \$18.00; 100 lbs., \$70.00.

Polo Grounds Mixture

A mixture of fine-leaved and deep-rooting grasses, forming a strong and lasting turf that will stand hard usage. No better mixture can be procured for this purpose. 25 lbs., \$11.00; 100 lbs., \$40.00.

Tennis Court Mixture

A mixture of extra fine grasses peculiarly adapted to Tennis Courts. This mixture will make a firm, green and lasting turf of the finest texture, that will improve with the tramping it receives. Has proved very lasting wherever used. 5 lbs., \$3.25; 10 lbs., \$6.00; 25 lbs., \$14.00; 100 lbs., \$55.00.

Clover for Lawns

WHITE DUTCH OR LAWN CLOVER. (Trifolium Repens). This is valuable for pasturage as well as for lawns; it succeeds where other clovers and grasses fail, and it seldom dies out. It can be sown at all seasons, although early spring is best; flowers greenish white. Sow 10 to 12 lbs. per acre if alone, or 5 lbs. if sown on old turf or with other crops. 30c per ½ lb.; ½ lb., 50c; 90c per lb.; 5 lbs., \$4.25; \$8.25 per 10 lbs. Prices on White Clover subject to change.

Johnson's Seeds that Produce

Of Strong Vitality and Choice Selected Strains

IN THIS CATALOG we quote all of the standard and most productive varieties of Vegetable and Flower seeds for Home and Market Gardening, as well as most of the "worth while" newer sorts

Prices Include Postage on packets, ounces and quarter

pounds.

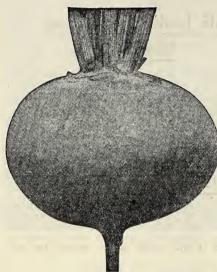
It is Our Aim to handle only reliable stocks such as are true to name and have been tested for germination. We cater to Gardeners who are willing to pay a fair price for stocks of un-

equalled quality.

Order Early. It is to your interest as well as ours.

Our Prices are as Low as Possible, Consistent with High Quality

Novelties and Specialties



Johnson's New Dark Leaved Globe Beet

Johnson's New Dark Leaved Globe Beet

A splendid type of the blood-turnip variety, combining fancy table quality with beautiful globe shape. The dark foliage of this va-riety is a striking feature, while the corresponding rich, dark color of flesh and beautiful globe shape combine to make it an exceedingly attractive Beet. The quality is sweeter and finer than any other beet we know of. Pkt., 10c; oz., 25c; ¼ Ib., 75c.

Grow More This Season

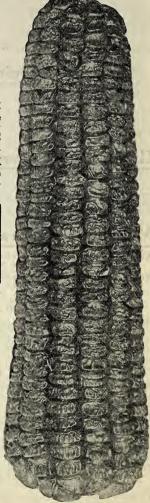
Are you utilizing all that ground of yours? Make it produce MORE. Plant Johnson's "Seeds that Produce," and get results that will well repay you for your time.

Carpinteria Pole Lima Bean

A most desirable pole lima for the home and market garden. The vines are strong growing and vigorous, producing an abundance of fine, large, medium green pods, five to six inches long, usually closely filled with four beans of largest size, much thicker than the average pole lima. The color is distinctive in having a decidedly greenish tint, an indication of very finest quality. When cooked, the beans are very thin skinned, extremely tender and of finest flavor. Seed very large, exceptionally thick, retaining the distinctly green tinge. Pkt., 15c; ½ lb., 35c; lb., 60c; 2 lbs., \$1.10; 10 lbs., \$5.00.

Johnson's New Golden Standard Sweet Corn

This splendid new Sweet Corn is almost identical with De Lue's Golden Giant, but we believe it is slightly larger and fully equal in quality. It is a cross between Golden Bantam and a large white sort, thus combining the rich, buttery flavor of Bantam with the size and tenderness of the longer white parents. Planted in spring at same time as Bantam, the new Golden Standard will just follow the former in being ready for table use. For later successions we recommend using the New Golden Standard altogether on account of its larger size. Pkt., 15c; ½ lb., 30c; lb., 50c; 2 lbs., 85c; 10 lbs., \$4.00.



Johnson's Golden Standard Sweet Corn

Sutton's Masterpiece Bean for Forcing

This bean originated in England, where special attention is given to growing in the greenhouse, and it is a splendid variety for that purpose. The plant makes a healthy growth and produces an abundant crop of large green pods, which are remarkably straight, broad, thick and of excellent quality. We consider this the best variety for growing in the greenhouse, as it is a fast grower and matures the crop at an early season. Pkt., 15c; ½ 1b., 60c; 1b., \$1.00; 2 lbs., \$1.75.



Long Season Beet

Johnson's New Saxa

Radish

The Quickest Growing, Round Red Sort

This desirable, quick growing, red button radish produces its crop in 16 to 20 days. Round as a marble, having a very small top and tap root. The skin is a bright results color with firm a marble, having a very small top and tap root. The skin is a bright scarlet color, with firm white flesh, which is crisp, brittle and juicy. Adapted for forcing or outdoor planting. Pkt., 10c; oz., 20c; ¼ 1b., 50c.



New Saxa Radish

Long Season Beet

Tender and Delicious the Whole Season Long

If you want a beet that will remain tender and sweet all summer long and well into the winter, try the "Long Season."

This is the best table beet we have ever eaten. It makes no difference whether the beets are young or old, small or large, they are always tender and good.

This beet grows slowly and should not be depended upon for early use. But when the early beets are tough and poor the Long Season will be found to be of the finest quality, being even more tender than the young early beets. They remain in perfect condition all the rest of the season and retain their fine quality when stored in a cold place for winter use. Pkt., 15c.

New Extra Early Cabbage Golden Acre

Johnson's New Golden Acre excels the Copenhagen Market in earliness, as it matures in only eighty (80) days from date of sowing, and no other Cabbage of which we know has proven as early.

Johnson's New Golden Acre matures about a week sooner than our stock of Copenhagen Market Cabbage and our stock of the latter is now generally conceded to be the only one still as early as when introduced. Johnson's New Golden Acre begins to form heads as soon as the leaves have reached only the size of a saucer and the growth may be observed almost from day to

The heads measure nine (9) inches in diameter, or just a little less than the Copenhagen Market. The plant occupies a space of only twenty (20) inches. Pkt., 15e;

Johnson's Earliest Snow-

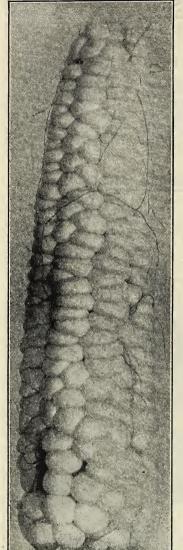


New Golden Acre Cabbage

storm Cauliflower

Snowstorm is the very best and earliest strain of Cauliflower on the market for forcing. It is a dwarf variety, with short outer leaves, and can be planted close, 2 feet apart each way. It always makes a fine large and exceedingly beautiful snowy white head, much earlier than any other variety. Pkt., 25e; ¼ oz., \$1.75; ½ oz., \$3.00; oz., \$5.50.





Johnson's Verifirst Sweet Corn

Johnson's Verifirst Sweet Corn

This new corn is so early that in a comparative test beside ten of the earliest sorts on the market, we found none to come within five days of being ready so soon for table use. It is a real acquisition for those who wish the earliest maturing sort either for home use or the market. Nothing that we know of can approach it for earliness, hardiness and delicious flavor. Pkt., 15c; 1/2 lb., 30c; lb., 50c; 2 lbs., 85c; 5 lbs., \$2.00.

Johnson's New Extra Early Coreless Carrot

A very fine variety for table use. The carrots are very tender, of mild pleasant flavor, and without any hard core as in some varieties. The shape is ideal for a table carrot, being practically the same size from crown to bottom. The roots grow to a medium size, are very smooth, and of a deep orange-red color all through. The carrots grow rapidly and are excellent for use when either young or full grown. Pkt., 10c; oz., 25c; ¼ lb., 75c.

Whipple's Large Early Sweet Corn

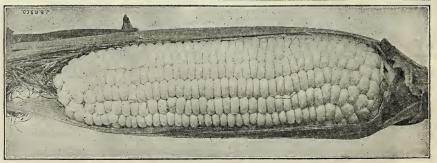
A Splendid Sort to Follow Johnson's Verifirst.

This is a wonderful new early sweet corn. It matures as early as the small-eared early kinds and has ears that look like Evergreen.

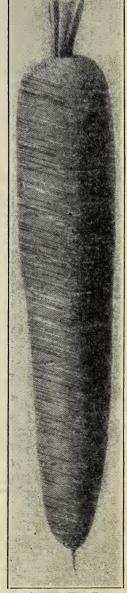
They are tender, very sweet and delicious. No other early white corn is of such fine quality. The ears are 7 to 8 inches long and very large around, as they have 16 to 20 rows of good sized kernels. Each ear is filled right to the tip. The ears look like Evergreen of a fine strain, yet they mature two to three weeks earlier. corn matures only a few days later than Johnson's Veri-first. It will be like having Evergreen corn two weeks earlier than other people, and getting nearly twice as many dozen per acre, Pkt., 15c; 1/2 lb., 30c; lb., 55c; 2 lbs., \$1.00; 10 lbs., \$4.50.

HELPFUL ADVICE WITHOUT CHARGE

Johnson's service does not end when the seeds are sold. Not only have we made this book a helpful guide to planting and cultivation, but should our customers require any sold help on seeds, plants and bulbs, our staff of capable, practical experts is available. No charge is made. You are heartily invited to take advantage of this service, and we guarantee prompt and courteous attention.

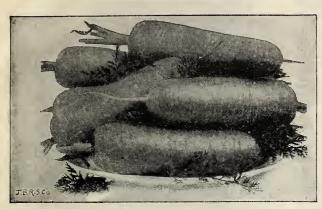


Whipple's Early Sweet Corn



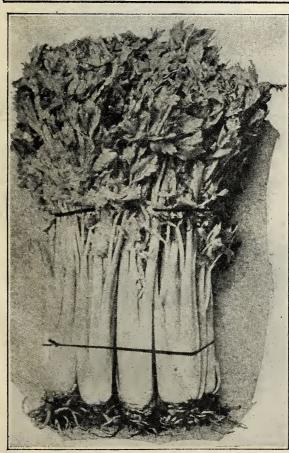
Johnson's New Extra Early Coreless Carrot

New Table Carrot, Coreless Nantes



Coreless Nantes Carrot

GARDEN RDEN GUIDE (Amateur Gardener's Handbook), edition. This gem covers every step from the prep-aration of the soil to the preservation of the harvest and we are glad to recommend it to every person who has a lawn to care for, a garden to plant, fruits and ornamentals to prune. Whoever enjoys flowers and wishes to keep them free from insects will appreciate its helpful suggestions. Over 275 illustrations appear on its 384 pages, postpaid, cloth, \$1.65.



New Golden Plume or Wonderful Celery

A very fine variety for table use. The carrots are very tender, of mild pleasant flavor, and without any hard core as in some varieties. The shape is ideal for a table carrot, being practically the same size from crown to bottom. The roots grow to a medium size, are very smooth, and of a deep orange-red color all through. The carrots grow rapidly and are excellent for use, when either young or full grown. Pkt., 10e; oz., 20e; 1/4 lb., 60e; lb., \$2.00, postpaid.



New Early Dighton

Early Dighton

This new variety is the earliest of all white Sweet Corns, even earlier than the Extra-Early Adams. The stalks are 3 to 4 feet high, with the ear set low down on the stalk. Ears are 6 to 7 inches in length and most all carry 8 rows of grains. The quality is very good for so early a sort. Pkt., 10e; ½ lb., 25e; lb., 35e; 2 lbs., 60e, postpaid. By express, not prepaid, 6 lbs., \$1.40; 12 lbs., \$2.50.

New Golden Plume or Wonderful

Celery

It is the consensus of opinion of Government and State Authorities as well as the practical market gardeners and celery growers of the country, that this variety of Celery is the best golden self-blanching type yet produced here or abroad. It matures two to three weeks earlier and blanches in half the time of the old self-blanching strains. It has a large, generous, fast-growing heart, is crisp, free from stringiness and attractive in appearance, has a broad, well formed stalk with probably a larger percentage of edible celery than any other variety. Our seed is produced from originator's stock. Pkt., 20c; ¾ oz., \$2.50; oz., \$8.50.

Johnson's First in the Market Cucumber

For over thirty years we have been selecting and breeding up this type of extra early White Spine—the object being to get perfect fruits of "slicing" size into the market at earliest possible date. The color is an attractive dark green and the table quality is unsurpassed. The vines are of vigorous growth and produce abundantly, making them most profitable, both for the earliest "slicers" and when planted in June or July for pickles. When ready for slicing they run from 6 to 8 inches long, very straight and full and tapering abruptly at both ends. This sort is not only very desirable for market gardeners in the north but is much in favor in more southern localities for early shipment to northern markets.

markets. We take special pride in this variety and can highly recommend it. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.



Wong Bok Celery Cabbage

Chinese Cabbage

Wong Bok. The heads of this sort are shorter and of greater diameter than Chihili and average heavier. Wong Bok has beautifully curled leaves of fine quality and is a sure header. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ 1b., \$1.00; lb., \$3.50, postpaid.

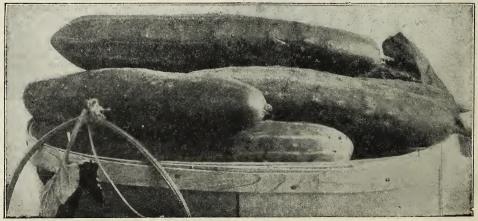
ihili. This variety runs very true to type and is less liable to run to seed than other sorts. Length of head is about 16 inches. Outer leaves dark, bluish green, while the inside is creamy white and of fine quality. Pkt., 15c; ½ oz., 35c; oz., 60c. Chihili.



Johnson's Selected Davis Perfect

Cucumber

We have spent many years in working up a very fine strain of Davis Perfect in which fine length, slimness, beautiful dark green color, transparent-like flesh with deliciously cool refreshing flavor, and enjoyable crispness, are distinguishing features and qualities of this, the most popular of the extra long white spine cucumbers. For indoor, and outdoor planting it is most popular. Its extremely vigorous growth makes it the best blight resister of the long sorts. Pkt., 10c; oz., 20c; ¼ lb., 60c.



Johnson's Selected Davis Perfect Cucumbers

Delicious Green Peas From June to August



New Extra Early Eight Weeks Peas

Johnson's New Hundred Fold Peas

The Best Early Dwarf Wrinkled Pea

The New Hundred is unequaled for its combination of The New Hundred is unequaled for its combination of extreme earliness, superb quality, and unusual productiveness. The dwarf vigorous vines average 15 inches in height and carry really enormous crops of large, deep bluish green pods. The pods measure 4 to 4½ inches long and are tightly packed with 8 to 10 large, deep bluish green peas. Thousands of our customers would not grow any other variety of peas because they know that The New Hundred Fold cannot be excelled in quality and yield by any other dwarf pea. Our stock is extra fine. Pkt., 15c; ½ lb., 40c; lb., 65c; 2 lbs., \$1.10; 5 lbs., \$2.50; 10 lbs., \$4.50.

Johnson's New Prizewinner Peas

The Most Superb Table Quality

Johnson's New Prizewinner Pea produces its pods, which are of a rich dark green color, in 68 days from planting. Pods often measure 6 inches in length, and contain from 9 to 11 peas of enormous size, and of most tender and delicious quality. The growth is strong and healthy—about 20 inches high. It is astonishingly productive, and no variety we know of will produce more pods or shell out in greater abundance. The color of foliage and pod is so unusually dark and healthy that it is always noticeable. No lover of peas should fail to grow some of these. Large pkt., 15c; ½ lb., 35c; lb., 60c; 2 lbs., \$1.00; 5 lbs., \$2.00; 10 lbs., \$3.50.

Instead of planting only one variety of peas at intervals of 2 or 3 weeks use the following selected varieties and plant all at one time in early spring. This will allow a good root system to develop before hot weather comes. The varieties will bear in the order shown below, beginning about June 20 and keep up a steady succession until late August.

Johnson's New Extra Early Eight Weeks Peas

The earliest of all Peas and of exceptionally good The earliest of all Feas and of exceptionally good quality for a smooth-seeded variety. Some people plant this variety exclusively, making successive plantings as the season advances, as they have found that it will give a larger yield on a comparatively small space of ground than any other sort. The vines grow 10 to 15 inches high, depending on soil

Early Eight Weeks is a vigorous grower bearing loads of good-sized pods, well-filled with Peas that surpass in quality any of the older extra-early varieties. Pkt., 15c; ½ lb., 40c; lb., 65c; 2 lbs., \$1.10; 5 lbs., \$2.50; 10 lbs., \$4.50.



Johnson's New Hundred Fold



Extra Early Lake Champlain

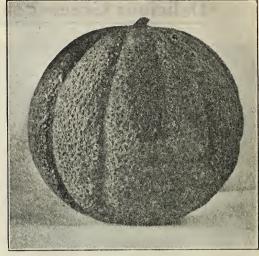
Muskmelon

This Wonderful New Muskmelon Produces Most Delicious Fruit 57 Days from Planting

Lake Champlain is a medium sized melon, nicely netted, flesh deep, sweet and melting, of golden yellow The plant is very vigorous and healthy, setting and ripening melons even under adverse conditions, which totally destroyed other varieties. It is a marvel of productiveness. Another year has added to the popularity of this great melon.

The originator of this variety writes as follows: "It blossoms when the vines are less than 12 inches long, and sets its fine healthy first crop of 8 to 10 melons right around the roots. While these extra early fruits are ripening, the vines continue to grow in length, and they in turn produce another and sometimes a third setting of fine fruits-making it not only the very earliest variety, but a continuous producer."

Being a marvel of earliness, productiveness and quality, it will at once prove profitable to either the home or market gardener. Pkt., 10c; 1/2 oz., 15c; oz., 25c; 1/4 lb., 75c.



Lake Champlain Muskmelon

Bender's Surprise Muskmelon

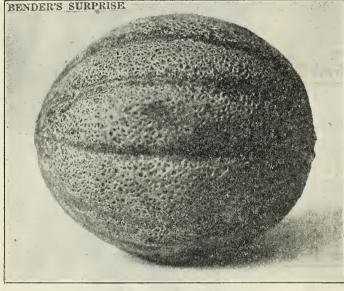
We do not know of any large muskmelon or cantaloupe quite equal to the Bender melon. It has exquisitely fine flavor; it grows to a large size and the melons are very firm and keep for a week after being picked.

medium The Bender melon ripens medium urly. In a favorable season if planted early. in the open ground the middle of May, the melons will ripen the last of August.

The flesh is deep orange colored, very thick, deliciously sweet and of high fla-vor. The melons are of oval shape, light green with coarse netting. When ripe the melons turn a golden tint which shows through the netting and gives the fruit a very attractive appearance.

The size of the melons averages quite large, many weighing 10 pounds. have had melons that weighed 16 pounds

We offer seed of our own growing, and of a very fine selected strain. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00.



Bender's Surprise Muskmelon

Johnson's Bouquet Parsley

This New Parsley is so beautifully curled and crested that we have felt justified in calling it "Bouquet." Without doubt it is the most ornamental variety grown-and hence for garnishing has no equal. It is of dwarf, compact habit of growth, and its color is a most pleasing shade of green. Pkt., 10c; 1/2 oz., 25c; oz., 45c.

Pumpkin Winter Luxury

Rich, Sweet Flavor. Makes Good Pies Without Eggs. The color of the skin is similar to that of the Golden Russet Apple. Flesh yellow and very thick. early, surprisingly productive, and a rapid and hardy grower. The very finest for pies, making good ones even when eggs are not used. Size, 8 to 10 inches in diameter. Large pkt., 10c; oz., 25c; 1/4 lb., 65c.



Johnson's Bouquet Parsley

GENERAL LIST

Johnson's High Grade Vegetable Seed For Home and Market Gardens

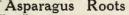
Asparagus Seed

One of the finest and most delicious vegetables in Spring. No garden is complete without an Asparagus bed. Can be grown in any good garden soil and prefers sunny, moist location.

Argenteuil. Very popular in France, and extensively grown for the Paris market. The stalks grow to a mammoth size, sometimes weighing as much as 4 ounces each. Pkt., 5c; oz., 10c; ½ lb., 25c.

Palmetto. Earlier and larger than Colossal. Pkt., 5c; oz., 10c; ½ lb. 25c.

h. Fa.,
Palmetto. Earlier and large
than Colossal. Pkt., 5c; oz.,
10c; ½ lb., 25c.
New Washington Rustproof.
Produces large straight
shoots, dark green in color.
The tips are tight and firm
and do not begin to open out
until well out of the ground,
making the finest kind of
Asparagus for both market
and home. Those who desire and home. Those who desire to save time in bearing will do well to order our strong two-year-old roots instead of seed. Pkt., 10c; oz., 20c; ½ lb., 50c; lb., \$1.60.

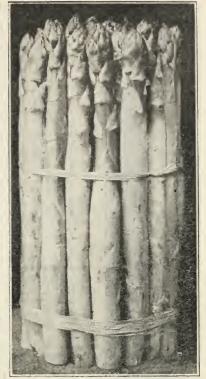


We offer strong two-year-old roots of the following varieties: Argenteuil, Palmetto, and Conover's Colossal.

Any of the above Asparagus, 30c per doz.; \$1.60 per 100; \$6.50 per 500; \$12.00 per 1,000.

Cultural Notes on Asparagus free on application.

Washington Roots. 65c per doz.; \$2.75 per 100; \$16.00 per 1,000.



Qt., 35e; New Washington Rustproof

Artichoke Jerusalem.

erusalem. (Tubers.) pk., \$1.75; bu., \$4.50. arge Globe. (Seed.) The flower heads are cooked like Asparagus. Pkt., 10c; oz., 60c; ¼ lb., \$1.75; lb., \$5.50. Large Globe. (Seed.)

Beans—(Bush) Wax or Yellow Podded Varieties

Culture. Bush Beans may be had throughout the season by Manting at intervals of two weeks, from the beginning of May until the middle of August; they should be planted in drills two feet apart, one seed every six inches covered one inch deep.

Wardwell's Kidney Wax. A very popular variety of Wax Bean, bearing long, flat pods of a delicate waxy yellow, stringless and brittle, producing a heavy crop. The pods mature a little later than Golden Wax, but are produced in great abundance. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 10 lbs., 83.25.

Davis Kidney Wax. The handsomest of all the early Wax Beans. The pods are long (seven inches), straight, very uniform and clear waxy white. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 10 lbs., 83.25.

Improved Golden Wax. Counted by many to be superior to all others. This bean, introduced in 1876 still continues the standard variety for home use. The pods are long, nearly straight, broad, half-round, golden yellow, very fleshy and wax-like. They cook quickly as snap beans, and are of the highest quality. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 10 lbs., \$3.25.

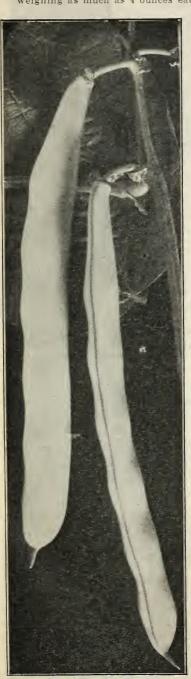
Pencil Pod Black Wax. (Cylinder Pod.) Dwarf bush growth and very prolific, one of the earliest. Pods four to five inches in length, quite round; meaty, brittle, and stringless; deep golden yellow; of excellent flavor. Pkt., 10c; ½ lb., 25c; lb., 45e; 2 lbs., 80e; 10 lbs.,

Currie's Rust-Proof Wax. An improvement on the old-fashioned Golden Wax, and ready about mid-season. Pods grow long, flat, very tender and of finest quality. Pkt., 10e; ½ lb., 25e; lb., 45e; 2 lbs., 80e; 10 lbs., 83.25. An improvement on

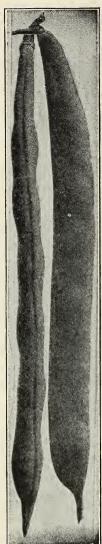
New Kidney Wax. Robust in growth and very prolific with long pods, entirely stringless, fleshy, and of fine quality. Pkt., 10e; ½ lb., 30e; lb., 55c; 2 lbs., \$1.00; 10 lbs., \$4.50.

Hodson Wax. A distinct Wax Bean of unusually healthy growth, which enables it to resist disease. The variety is remarkably prolific, with straight, oval pods. In season it follows Wardwell's Kidney Wax and other standard sorts, thus giving a succession. On this account and because of its remarkable productiveness and beauty it is becoming very popular. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 10 lbs., 83.50.

Sure-Crop Stringless Wax. A valuable variety of Dwarf Wax Bean which, while not related to the well-known Currie's Rust-proof Wax, bears a great resemblance to it in plant and seed. It is very productive, bearing large, handsome golden yellow pods in great abundance. Pkt., 10c; ½ lb., 30c; lb., 55c; 2 lbs., \$1.00; 10 lbs., \$4.50.



Hodson Wax Beans



Beans—Green Podded Bush Varieties

Earliest Red Valentine. This variety is usually ready to pick in 35 days from time of planting. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 10 lbs., \$3.50.

Black Seeded Valentine. This variety is valuable because it withstands considerable cold damp weather and hence may be planted very early. The pods are round, very fleshy and entirely stringless. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 10 lbs., \$3.50.

Bountiful. This one is the best of the flat-podded stringless varieties. The light green pods are 6½ to 7 inches long; flat, slightly curved, absolutely stringless, attractive and of very fine quality. At the same time it is very early, vigorous, hardy and a heavy yielder. Pkt., 15c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.10; 10 lbs., \$5.00.

Giant Stringless Green Pod. This Bean is absolutely stringless. Fine, large, round, fleshy, tender pod. As early as Six Weeks, with the advantage of being a better cropper. The plants are of strong growth, very productive, pods 5 inches long, light green, slightly curved, very meaty, being broadly rounded, saddle backed and absolutely stringless. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 10 lbs., \$3.50.

Burpee's Thousand to One. Very tender and productive. Splendid for late planting. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., \$0c; 10 lbs., \$3.50.

Burpee's Stringless Green Pod. This Bean is very early, productive, hardy and vigorous; the pods average about 5 inches long, straight, stout, round, crease-backed, and of a dark green color. They are tender, brittle, of the finest flavor and quality, and strictly stringless. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 10 lbs., \$3.50.

Dwarf Horticultural. (Roma.) The young green pods are tender and of good flavor, slightly curved, 5 inches long, colored greenish yellow, speckled with carmine. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 10 lbs., \$3.50.

Full Measure. A fine stringless, early, medium green, high quality bean. Pods straight, 6 inches long, very fleshy, round, crease-backed and showing depressions around

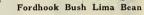
Baking Varieties

Red Kidney. This variety is extensively used by many people for baking. We have a prolific type that is very desirable. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 10 lbs., \$2.50.

White Kidney. Excellent shell Bean. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 10 lbs., \$2.50.

Improved Boston Pen or Navy. Choicest Northern grown seed. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 10 lbs., \$2.50.

White Marrow. Fine early shell beans. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 10 lbs., \$2.50.



Pole or Running Beans

Culture. A warm, sandy loam, enriched with well rotted stable or poultry manure is best. Must not be sown until the ground is warm and dry. When poles are used for support they should be set not less than 4 feet apart each way. Plant 4 to 6 beans to a pole, eyes down 2 inches deep. When well started thin out to 2 plants to a hill. Cultivate freely, but shallow. Use 1 quart to 100 hills, 20 quarts to the acre.

Golden Cluster. One of the earliest wax Pole Beans. Vines large, strong, vigorous; pods 6 to 8 inches long in clusters, thick and fleshy; bright golden yellow. Dry.

Kentucky Wonder or Old Homestead. Excellent flavor and enormously productive; entirely stringless and of a silvery green color. About ten days earlier than any other green-pod sort. Beans are rather small, oblong and of a yellowish brown color. Pods are green. Pkt., 10c; ½ pt., 25c; pt., 35c; qt., 60c.

Kentucky Wonder Wax. A yellow-podded "Kentucky Wonder," which bears a large quantity of rich golden yellow pods. The plant is exceedingly productive. Pods are thick, meaty, stringless, tender and of fine flavor. Pkt., 10c; ½ pt., 25c; pt., 40c; pt., 25c; pt., 4

Pole Lima Beans

Carpinteria Pole Lima. The most perfect pole Lima Bean in existence. The Beans have a greenish tint, an indication of good quality. The vines are vigorous and make strong growth, producing a large quantity of Beans in a fairly large pod, which are thicker than the ordinary Lima and retain their color. Pkt., 15c; ½ lb., 35c; lb., 60c; 2 lbs., \$1.10; 10 lbs., \$5.00.

Siebert's Early Lima. The earliest of the Pole Limas. Pkt., 15c; ½ lb., 35c; lb., 60c; 2 lbs., \$1.10; 10 lbs., \$5.00.

Early Leviathan Lima. Extra early and very popular. Pkt., 15c; ½ lb., 35c; lb., 60c; 2 lbs., \$1.10; 10 lbs., \$5.00.

King of the Garden Lima. A popular sort for main crop. Pkt., 15c; ½ lb., 35c; lb., 60c; 2 lbs., \$1.10; 10 lbs., \$5.00.

Large White Lima. The old standby. Pkt., 15c; ½ lb., 35c; lb., 60c; 2 lbs., \$1.10; 10 lbs., \$5.00.

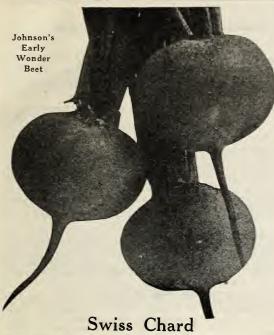
Bush Limas

Bush Limas may be planted in rows 3 feet apart and 6 inches distant in the row, when soil is nice and warm.

and warm.

Fordhook Bush Lima. Both pods and Beans much larger than those of any other Potato Lima. Habit of plant a strong, erect, bush-like growth. Pods borne in clusters of from four to eight, averaging four Beans to the pod. Exceedingly productive and of best quality. The best bush type of the popular Potato Lima. Pkt., 20c; ½ lb., 40c; lb., 75c; 2 lbs., \$1.25; 10 lbs., \$5.50.

Burpee Improved Bush Lima. This is superior to any of the older forms of Bush Lima. Plant very vigorous and upright, attaining a height of 30 in ches and 24 inches across. Pods often borne in clusters of five to eight and of enormous size. Beans are larger than those of any other variety; immensely productive and of the very best quality. Matures earlier than others. Pkt., 20c; ½ lb., 40c; lb., 75c; 2 lbs., \$1.25; 10 lbs., \$5.50.



New Giant Lucullus. A delicious variety having green leaves which are remarkably crimped and curled like savoy-leaved cabbage. Pkt., 10e; oz., 25c; 1/4 lb., 50e; lb., \$1.50. Large-Ribbed White. This variety is largely grown for the broad white leafstalks which, when bunched and cooked in the same manner as asparatus manner as a sparatus of the same manner as a

gus, make a delicious ummer vegetable. Pkt., 10c; oz., 15c; 1/4 lb., 40c; lb., \$1.25.

BARBARIETOLA GARDENBEETS BURAKI

One ounce will sow 50 feet of row; 7 pounds will

plant an acre. For early supply sow as soon as the ground is in working order, in drills sixteen inches apart and one inch deep. When the plants are well up, thin to four inches. For succession sow until August 15th.

Johnson's New Dark Leaved Globe. This new Beet is recommended for table quality. (See Special-

is recommended for table quality. (See Specialties, page 4.)

Johnson's Long Season Beet. See page 5.

Crosby's Improved Egyptian. A very superior Extra Early strain of Garden Beet which has been carefully selected for years. This beet excels in handsome form, good size, small tops, very small tap root, fine quality, and above all quick, rapid growth. We highly recommend it. Pkt., 10c; oz., 25c; ¼ lb., 45c; lb., 81.25.

Johnson's New Wonder. This Beet is the result of many years of expert selection with a special strain of Crosby's as a basis. In this new beet we have perfect form, small tops and tap root, beautiful color, and extra early maturity. For forcing and bunching it is unequaled by anything on the market while the rich color, tenderness and flavor of the flesh make it extremely desirable on the table. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., 81.50. able on the lb., \$1.50.

troit Dark Red. One of the very best sorts for the home or market garden, and for canning purposes. Roots uniformly smooth, of medium size, and globe-shaped; skin dark red, flesh solid Vermillion red; tops small, upright, dark green shaded red. Our special stock of this variety shows no white zones in the flesh. Pkt., 5c; oz., 20c; ½ lb., 45c; lb., 81.25. Detroit Dark Red.

shows no white zones in the liesh. Pkt., 5c; 0z., 20c; ¼ lb., 45c; lb., 81.25.

Extra Select Eclipse. Flesh deep blood red, firm and sweet. Pkt., 5c; 0z., 20c; ¼ lb., 45c; lb., 81.25.

Improved Early Blood Turnip. Good form, dark red, well flavored; a favorite for Summer and Winter use. Pkt., 10c; 0z., 20c; ¼ lb., 45c; lb. 125.

Winter use. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.
Long Smooth Blood. Withstands drought, very dark red. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.
New Crimson Globe. Color is deep blood red; fine grained. and of unsurpassed quality The foliage is small—leaves all grow from a very small crown in the top of the bulb. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Mangel Wurzel

Sow in May or June in drills 2 feet apart. When well started thin to inches apart in the row. Cultivate shallow and often.

Golden Tankard. The root is quite large and of an almost cylindrical shape; narrowing abruptly at both ends. The skin is deep orange red. Pkt., 10e; oz., 20e; ¼ lb., 40e; lb., 81.00; in 10 lb. lots, 90e per lb.

Giant Long Red or Mammoth Prize. This is the largest of all the Mangels. The root is 15 to 18 inches long, over 6 inches thick, and with a heavy shoulder. It grows one-half above the ground and is easily pulled. Pkt., 10c; oz., 20e; ¼ lb., 40e; lb., 81.00; in 10 lb. lots, 90e per lb.

Giant Feeding Sugar. The root of this variety is very large, smooth, and clean, of oval shape, growing one-half out of ground and is easily pulled. The skin is rose white with a deeper rose-colored tip. A heavy cropper. Pkt., 10c; oz., 20e; ¼ lb., 40e; lb., 81.00; in 10 lb. lots, 90e per lb. cropper.

Sugar Beets

Vilmorin's Improved. The finest variety grown. Highest in nutritive value and in percentage of sugar. Very regular in shape; yields large crops and is recommended for most soils. Pkt., 10c; oz., 20c; 14 lb., 40c; lb., \$1.00; in 10 lb. lots, 90c

per lb.

Broccoli than Cauliflower.

Culture. Should be treated the same as cauliflower, which it resembles. Grows larger and taller. A packet will produce about 250 plants, about 3,000 plants to an ounce.

hite Cape. The large white heads are handsome; of delicate cauliflower flavor. Matures its heads in 150 days. Pkt., 10c; ½ oz., 40c;

Brussels Sprouts

Culture. Same as late Cabbage. Half Dwarf Paris Market. A dwarf variety, producing numerous heads. Pkt., 10e; oz., 35e; 1/4 lb., \$1.00.



Detroit Dark Red Beet



Giant Feeding Sugar Beet



Johnson's Improved Danvers Half Long Carrots

CAROTA CARROT MARCHEW

Sow in early spring in drills 15 to 18 inches apart, finally thinning the plants to 3 to 4 inches. If sown early on a moist soil, a half-inch is deep enough to cover the seed. The seed is slow to germinate. Keep clean by frequent hoeing and weeding. If neglected, the young plants are easily smothered, and the crop is lost.

One ounce sows 100 feet of drill; 4 pounds sow one acre

For Table Use

Johnson's New Extra Early Coreless. (See page 6.)

Improved Chantenay. (See illustration.) A popular and profitable sort to raise for city markets. It is about 6 inches long, thick through, and decidedly stump-rooted. In size it is between the Oxheart and Danvers. The flesh is a deep orange-red, fine-grained, and of an excellent flavor. It is very early and always produces smooth, shapely roots. Its fine appearance finds for it a ready market; its splendid table qualities keep it in demand. Our strain of seed is unsurpassed. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.40, postpaid.

Oxheart or Guerande. Intermediate length; is 3 to 5 inches in diameter, quality extra good. Some sorts require digging but the Oxheart can be easily pulled. It is especially adapted to shallow soils where the longer sorts would not thrive as well. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.40, postpaid.

Coreless Nantes Half-Long (Stump-rooted). Sweet and fine flavored, almost without a core, very fine grained, excellent for the home-garden or market. One of the finest in quality and handsomest in shape of the medium-sized sorts; about 6 inches long. Pkt., 10e; oz., 20e; ¼ 1b., 60e; 1b., \$2.00, postpaid.

Early Scarlet Horn. For forcing and early garden use; flesh deep orange, fine grained; agreeable flavor; small top, stump-rooted; about 3 inches long. Pkt., 10c; oz., 20c; 1/4 lb., 45c, postpaid.

Early Market. A very choice strain, with tender, fine-grained flesh, and an enormous producer of handsome, uniform stumped roots. Free from core and of a deep golden yellow color. An excellent forcing sort. Pkt., 10c; oz., 20c; 1/4 lb., 45c; lb., \$1.50.

Improved Danvers (Half-Long). (See illustration.) The best for general crop. Will yield the most per acre. Most profitable for market-gardeners; stump-rooted. It is grown largely everywhere on account of its productiveness and adaptability to all classes of soils. Tops medium size, roots deep orange, large, but of medium length, tapering uniformly to a blunt point. Smooth and handsome flesh; sweet, crisp and tender. Although of medium length, it is one of the largest yielders, and while this is one of the leading table sorts, it is also used a great deal for stock feeding. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.40, postpaid.

Hutchinson. A variety that was developed by selection from the Danvers Half-Long. It has slightly darker orange skin, grows an inch or two longer, but differs from the Danvers in that it carries its fullness well down to the end, making it decidedly stump-rooted. Hutchinson is a heavy yielder and its attractive appearance commands ready sales. Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., \$1.65, postpaid.

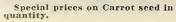
Improved Long Orange. The standard late variety; very handsome and uniform in shape; roots are of deep orange color, good flavor; yields very heavily. Requires a deep soil. The roots are smooth, fine-grained and very large, growing to 1 foot in length and 3 inches in diameter. Pkt., 10c; oz., 20c; ½ lb., 45c; lb., \$1.35, postpaid.

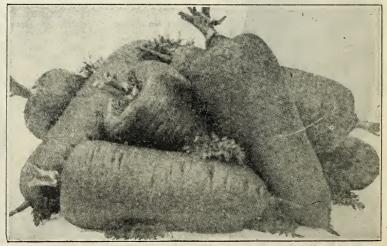
For Stock Feeding

Too much cannot be said in praise of the Carrot as a whole-some addition to the winter feed for stock, apart from its great value as a vegetable for table use. The splendid roots make a most desirable change of feed for your cattle when given in connection with grain and dry fodder. The following varieties are especially adapted to stock feeding.

Improved Short White. Very large, half-long roots; 7 to 9 inches long; nearly white. It is the heaviest cropper known. Pkt., 10c; oz., 20c; ½ lb., 45c; lb., \$1.25, postpaid.

carge White Belgian. A heavy cropping sort, growing about 12 to 16 inches in length; white below the ground, green above. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25, postpaid.



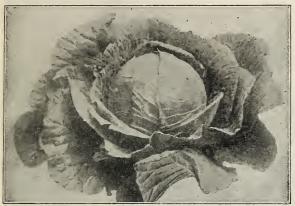


Johnson's Improved Chantenay Carrot

CAPPUCCIO CABBAGE

One ounce will produce 1,500 plants; 1/2 pound will plant an acre

For very early use sow in January or February in hotbeds, or sow in hotbeds in March. Transplant to the open ground when danger from killing frost has passed, in rows 2 feet apart and 18 inches from plant to plant. For succession sow in the open ground the last of March or early in April. The autumn and winter varieties may be sown early in May in shallow drills 3 or 4 inches apart; transplant early in July, making the rows about 2½ feet apart, and setting the plants 2 feet apart in the rows.



Copenhagen Market Cabbage

For Second-early and Main Crop

All Head Early. The leading second early sort, large, uniform, very solid, and plants are of compact growth. It may also be planted late for fall and winter use, as it is a good keeper for a 110-day variety. A good kraut cabbage. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00.

All-Seasons, Selected (Vandergaw). A mid-season Drumhead with heads of the largest size and as its name implies can be planted either for early or late crop. A remarkably good keeper for a so early maturing variety. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.

Early Drumhead. Produces a good large, round

Early Drumhead. Produces a good large, round head following Charleston Wakefield. A variety that stands summer heat well. Pkt., 10e; ½ oz., 20e; oz., 35e; ¼ lb., \$1.00.

Early Summer. A reliable second early, which matures about ten days after All Head Early. It makes a medium size, solid, flat head, with short outer leaves, which admit of close planting in the field, and is a good keeper. One of the best we offer. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.

ceession. A second early round, somewhat flatheaded sort, of very fine texture and quality. Comes in a few days after Early Summer, and is larger. Equally useful for both home and market garden. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00. Succession.

Savoy Cabbage

Perfection Drumhead Savoy. The largest solid-heading Savoy. The plants are strong and vigorous. In flavor, Savoy cabbage is quite unique, preferred by many connoisseurs to any other cabbage, and we highly recommend it. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

Red Cabbage

Large Red Drumhead. A large-heading variety, largely used for "slaw" and pickling. Pkt., 10e; ½ oz., 25e; oz., 40e; ¼ lb., \$1.25.

Mammoth Rock Red. A sure-heading sort, round and solid. Pkt., 10e; ½ oz., 25e; oz., 40e; ¼ lb., \$1.25.

The Best Early Varieties

KAPUSTA

Johnson's New Golden Acre Cabbage. See page 5. New Chinese Cabbage, Wong Bok. See page 8.

Copenhagen Market

This most valuable early Cabbage from Denmark produces a large globe-shape head, which comes into market along with Early Jersey Wakefield. It is well known that Denmark is a great Cabbage and Cauliflower country, and our seed comes direct from the originator. Produces fine, large heads uniform in shape and size and very solid, with few loose leaves. Vigorous grower and an excellent keeper. Pkt., 10c; ½ 0z., 35c; 0z., 65c; ¼ 1b., \$2.25.

Select Early Jersey Wakefield. The standard early variety, conical in shape; medium-sized heads; very solid. Pkt., 5e; ½ oz., 25e; oz., 40e; ¼ lb.,

Glory of Enkuizen. Standard early variety of round-headed type; grown to good size. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.

Charleston Wakefield. Not quite as early as the regular Jersey Wakefield, but the heads are considerably larger, very solid. Pkt., 5e; ½ 0z., 25e; 0z., 40e; ¼ lb., \$1.25.

Late Winter Sorts

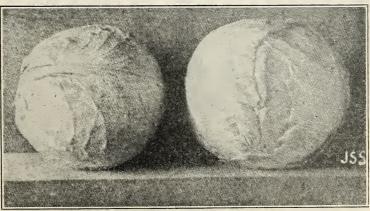
Bugner's Late Winter. A much better keeper than the Ballheads, more solid and freer from cabbage diseases. Deep bluish green in color. Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

Autumn King, or World Beater. Latest of all. Heads large size, solid, of fair quality and keep well. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00.

mish Ball Head, Short Stem. The leading late variety in many sections, and a fine sauerkraut cabbage. Heads average ten to twelve pounds, are round, fine keepers. The strong growth and its good quality make it a most valuable Cabbage. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

Danish Roundhead. Another good sauerkraut variety, slightly earlier than Ball Head, with a shorter stalk, and very hard. The interior leaves are pure white and of sweet flavor. Pkt., 10e; ½ oz., 25e; oz., 40e; ¼ lb., \$1.25.

Selected Late Flat Dutch. The heads are flat and grow remarkably large, even and very solid, and the quality is unsurpassed. Makes a slow growth, but is a sure heading sort. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.25.



Danish Ball Head Short Stem Cabbage

CAULIFLOWER

CAVOLOFIORE—KALAFIORY

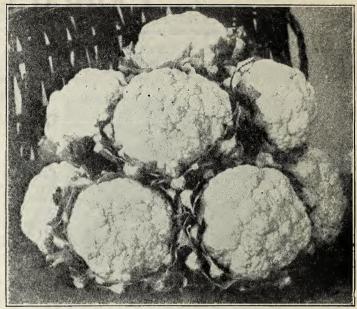
One ounce will produce 1000 plants

Cauliflower succeeds well in any soil where Cabbage will grow. It delights in a rich soil and abundance of water. in a rich soil and adultuance of water. By sowing the early varieties in a hotbed in February or March, fine heads can be obtained in May or June. For a later supply sow seed in a prepared bed in May, choosing a cool, moist place. When large enough, transplant, when large was about 214 feet apart making the rows about 2½ feet apart and 18 inches between the plants. Transplanting should be done in moist weather.

JOHNSON'S EARLIEST "SNOWSTORM." See page 5.

Johnson's Gilt Edge Snowball. It is very early, of large uniform size, and as well adapted for late planting as for early. The heads are pure white and grow very solid and compact. We recommend this as the very best variety for outdoor culture on account of its earliness, vigorous growth, handsome appearance and high quality. Pkt., 25c; ¼ oz., 75c; ½ oz., \$1.40; oz., \$2.65; ¼ lb., \$9.50.

Early Dwarf Erfurt. This is a very reliable and popular variety when our select seed is used. We handle \$1.75; oz., \$3.00.

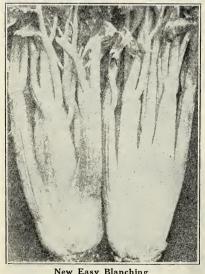


Gilt Edge Snowball Cauliflower

only the best seed grown. Heads very white, compact and close. Pkt., 15c and 25c; ¼ oz., \$1.00; ½ oz.,

Danish Giant or Dry Weather. Quite early and will succeed when other sorts fail. Pkt., 25c; 1/4 oz., \$1.75; 1/2 oz., \$3.00; oz., \$5.00.

Early Favorite. This is a second early, exceedingly hardy, easily grown sort. It is perhaps the best sort for the inexperienced grower, as it will head under conditions in which many sorts would fail. The large heads are crisp, tender and of fine quality. Pkt., 15c; oz., \$1.50; 2 oz., \$2.50; ¼ lb. \$4.50.



New Easy Blanching

Celeriac

Giant Smooth Prague. Culture the same as for Celery, excepting that as the roots are the edible portion, it requires no hilling. Roots large, smooth, globular in shape. Flesh pure white, tender and of excellent flavor. Pkt., 10c; oz., 40c; 1/4 lb., \$1.00; lb., \$3.50.

CELERY SEDANO

One ounce of seed will produce 3000 plants; 1/4 pound will plant an acre

NEW GOLDEN PLUME OR WONDERFUL. See page 7.

w Easy Blanching. (See cut.) A new variety resembling Golden Self Blanching, but the leaves are green and the stalks blanch white instead of yellow. It is also more hardy and less liable to blight. Stalks are taller, but have the same form and heavy heart of the Self Blanching. While maturing about two weeks after that variety, it has the advantage of being an excellent winter keeper of the best quality. Johnson's Private Stock. Choicest Pennsylvania grown seed. Pkt., 20c; ¼ oz., 50c; oz., \$1.50.

Golden Self-Blanching (Dwarf Strain). Originator's French Grown. Our seed of this variety comes to us every season direct from the originator in France, and our rapidly increasing trade is abundant evidence of its high quality. Rich yellow color. Dwarf, compact habit, and blanches readily. Pkt., 15c; ¼ oz., 40c; oz.,

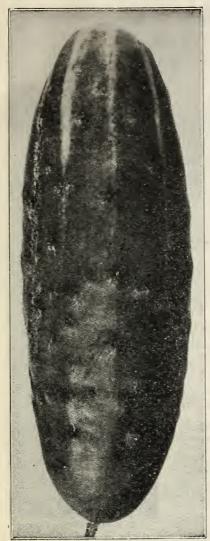
Golden Self-Blanching (New Tall Strain). This differs from the dwarf stocky strain in that it has distinctive foliage, resists blight to a better degree, is more vigorous in all its parts, develops very rapidly and grows from ¼ to ½ taller. It blanches up very quickly, but the heart is slim and long, and of a fine white color. Early, but not a good keeper. Pkt., 15c; ¼ oz., 40c; oz., \$1.25.

dumbia. A desirable early maturing variety, following in season Golden Self-Blanching, which it resembles in many respects. The stalks are of medium height, very thick, round and crisp, blanching to a light golden yellow. Pkt., 10e; 1/4 oz., 25e; oz., 75e.

French Grown Giant Pascal. A compact, vigorous, productive variety, and fine for winter use; leaves upright, short, dark green; stalks short, thick, very broad. French grown seed. Pkt., 10c; 1/4 oz., 20c; oz., 50c.

Perfected White Plume. A very early, handsome variety; leaves light, bright green, easily blanched a beautiful silvery white. Pkt., 10e; ¼ oz., 20e; oz., 50e.

Fordhook Emperor. Dwarf in habit, attains a height of 15 to 18 inches. Stalks smooth and thick. Color white with heart tinged yellow. Quality the finest. Pkt., 10c; 1/4 oz., 20c; oz., 50c.



Johnson's Perfect White Spine Cucumber

Johnson's Greenhouse Forcer

Introduced by Johnson in 1920. ohnson's Greenhouse Forcer. A wonderfully choice strain which has been selected and developed for many years especially for Greenhouse Forcing on a large scale. The fruits are remarkably uniform in shape and size, averaging about 14 inches in length. The color is a beautiful deep green, which is held for several days, almost spineless, and is admirably adapted for packing in flats and baskets for the highest class of trade. Our seed is strictly Greenhouse grown by the originator. Pkt., 20c; ½ oz., 50c; oz., 55c; ¼ lb., \$2.50; ½ lb., \$4.00; lb., \$7.00. Johnson's Greenhouse Forcer.

English Forcing Cucumbers

Covent Garden Favorite, Rockford's Market, Lockie's Perfection. In packets of 10 seeds each, 20c; \$1.75 per 100 seeds.

Duke of Edinburgh, Sion House Improved. Telegraph (Rollison's). In packets of 10 seeds each, 15c; \$1.40 per 100 seeds.

CETRIOLO CUCUMBERS OGOREK

One ounce will plant 50 hills; 2 pounds will plant an acre in hills; 5 pounds in drills.

Popular Sorts

Popular Sorts

Johnson's First In Market. See page 8.

Johnson's Selected Davis Perfect. We have spent many years in working up a very fine strain of Davis Perfect in which fine length, slimness, beautiful dark green color, are distinguishing features of this most popular of the extra long white spine cucumber. For indoor and outdoor planting it is most popular. Its extremely vigorous growth makes it the best blight resistor of the long sorts. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., 81.75.

Johnson's Perfect White Spine. The finest type of White Spine yet produced. Early, very productive and disease-resistant; fruits nine inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds; color rich, dark green, which does not fade when shipped a long distance. See cut at left. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., 81.75.

Early Russian. One of the earliest varieties. The fruit is small. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., 81.50.

Boston Pickling or Green Profile. Fruit short, smooth, symmetrical and bright green; very productive, making a good pickle; a little shorter and thicker than most pickling sorts. Pkt., 10e; oz., 20c; ¼ lb., 50e; lb., 81.50.

Chicago Pickling (Westerfield). A most excellent pickling sort; very uniform, productive and good color. Our strain is much superior to stocks generally sold under this name. Pkt., 10e; oz., 20c; ½ lb., 50e; lb., \$1.50.

Extra Long or Evergreen White Spine. This vigorous and productive table variety produces cylindrical dark green fruits 9 to 11 inches long, with very white crisp, tender flesh. Adapted for forcing. Pkt., 10c; oz., 20e; ½ lb., 50e; lb., \$1.50.

Long Green Improved. A standard late, well known table sort; 12 to 14 inches long, slender, more or less warted, tapering towards the stem end; color dark green, flesh white and firm. We have a superior stock of this variety. Pkt., 10c; oz., 20c; ½ lb., 50c; lb., \$1.50.

Klondike. A medium early, very good strain of White Spine; fruits attractive, full uniform, rather thick, short and bloc

abruptly at both ends; color very dark green, which well; only fairly productive. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

Arlington White Spine. One of the earliest and most productive, true to type and uniform of the White Spine family; fruit about 7 inches long, rounded at ends and of a bright deep green color. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

Early Fortune. A very fine strain of White Spine. It is early and very productive, excellent for market and pickles. The fruit is \$ to 9 inches long, slightly tapering and of deep green color. It holds its color well when shipped. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

Vickery's Forcing. This is undoubtedly one of the finest Cucumbers for the greenhouse. It is of the White Spine type about 9 inches long and is a much deeper green. Vickery's Forcing is surprisingly productive and will net a much larger return than other sorts because it will cut so many more baskets of cukes. These facts are causing greatly increased demands for seed each season. Pkt., 15c; oz., 45c; ¼ lb., \$1.50; lb., \$5.50.

SMALL GHERKIN or BURR. A small oval, prickly variety which is used for pickles only. Oz., 10c; ¼ lb., \$3.5c; lb., \$1.25; 10 lbs., \$11.00.

Dill

Long Island Mammoth. Leaves are used in pickles and for flavoring soups and sauces. Pkt., 5c; oz., 20c; 14 lb., 60c.



Johnson's Greenhouse Forcer

GRANO TURCO SWEET CORN KUKURYDZA

One pound will plant about 200 hills; 12 pounds will plant an acre

The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm; for a succession continue every two weeks, until the middle of July, in hills 3 feet apart each way, covering about half an inch, and thin out to 3 plants to a hill.

of July, in hills 3 feet apart each way, covering about half an inch, and Early Dighton. See page 7.
Whipple's Large Early. See page 6.
Johnson's New Verifirst. See page 6.
Johnson's New Golden Standard. See also page 4. This new sort is very similar to De Luc's Golden Giant and we recommend it very highly. See full description and cut on page 4. Makes a fine succession for Golden Bantam. Pkt., 15c; ½ lb., 30c; lb., 50c; 2 lbs., 85c; 10 lbs., 84.00.
Earliest Mayflower. This is a ten to twelve rowed white corn, larger than Mammoth White Cory and from three to five days earlier. Three seasons' trials of this splendid sort have convinced us that it is the coming extra early Corn. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 65c; 10 lbs., 82.75.
Golden Bantam. Produces ears measuring about five inches, but the smallness of ears is fully made up by the deliciously sweet flavor and tender quality of the Corn when cooked. By all odds the finest extra early variety when quality is considered. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.00.
Howling Mob. A large eared early sweet corn, ready for use about five days later than Mammoth White Cory, generally producing two good ears to a stalk averaging 7 to 9 inches long, with 12 to 14 rows of pearly white grains. The stalks grow 4 to 5 feet high. An excellent home or market sort. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 65c; 10 lbs., \$2.75.

Mammoth White Cory. Considered one of the best early Sweet Corns. It produces stalks about four feet high, each generally staks about four feet high, each generally bearing two large, finely shaped ears which become fit for use in about 52 days. They are 12-rowed, six to seven inches long. Pkt., 10e; ½ lb., 25e; lb., 40e; 2 lbs., 65c; 10 lbs., 82.75.

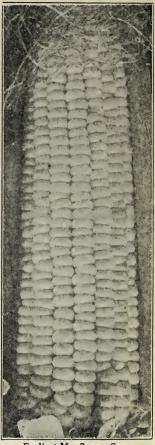
Kendel's Early Giant. Large, handsome ears of fine quality, very early. Pkt., 10e; 14 lb., 25e; lb., 40e; 2 lbs., 65c; 10 lbs.

or del's Early Giant. Large, handsome ears of fine quality, very early. Pkt., 10e; ½ lb., 25c; lb., 40e; 2 lbs., 65c; 10 lbs., \$2.75. ack Mexican. When in table condition the grains are pure white and quality delicious. Pkt., 10e; ½ lb., 25c; lb., 40e; 2 lbs., 65c; 10 lbs., \$2.75. Black Mexican.

rly Evergreen. Ripens about ten days earlier than Stowell's Evergreen. Ears large and uniform. Pkt., 10e; ½ lb., 25e; lb., 35e; 2 lbs., 60e; 10 lbs., \$2.50.

Stowell's Evergreen. The most popular variety grown, ears large and very sweet. Pkt., 10c; ½ lb., 25c; lb., 35c; 2 lbs., 60c; 10 lbs., \$2.50.

Country Gentleman. The finest of all sweet corns for the table, and when once used no other sort is quite good enough. Ears average eight to nine inches in length; cobs small and grain very deep. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 65c; 10 lbs., \$2.75.



Earliest Mayflower Corn

Pop Corn

Monarch White Rice. This is the best Pop Corn for home or market. Select ears. Lb., 30c; 3 lbs., 75c; 10 lbs., \$2.25.

Cress or Pepper Grass

Culture. Can be sown in the early spring, outdoors in rows 1 foot apart, covering seed about one-quarter inch and sow thickly. A packet will sow about 40 feet of drill, an ounce about 200 feet. Ready to use in 20 to 40 days. Extra Curled. Pkt., 10c; oz., 25c; ½ lb., 70c.

True Water Cress. Pkt., 10c; oz., 45c.

True Georgia Collards

Forms a loose head of cabbage-like leaves, which are largely used for greens; ready for use in 45 days, Sow like cabbage. Set a foot apart in rows 2 to 3 feet apart. Can also sow seed in June, July and August. Pkt., 10c; oz., 20c; ½ lb., 50c; lb., \$1.50.

Corn Salad

Culture. Treat like lettuce, except that it may be planted closer, as it is smaller. It is hardy, and may be carried through the winter in cold frame or under litter. Pkt., 10c; 0z., 20c; 14 lb., 60c; lb., \$2.00.

Dandelion

A hardy perennial. Sow in early spring in drills half an inch deep, and thin to 2 or 4 inches in the row.

Improved Thick Leaf. Pkt., 10c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$3.00.

Common. Yields an abundant supply of large succulent leaves. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.

Chervil

One ounce will sow about 100 feet of drill
Culture. Sow in drills one foot apart in early Spring or Fall, covering
seed about one-half inch. Thin out plants to 4 inches in row; leaves ready
in 6 to 8 weeks. Curled variety used like Parsley. Can also be sown in
Appert Curled. Largely used in soups and salads. Pkt., 10c; oz., 30c; ¼ lb., 75c.





Witloof French Endive

ENDIVE ENDYWIA

One ounce will sow 150 feet of row; 3 pounds will sow an acre

One of our best salad plants, especially valuable for winter use. For a first crop, sow about the middle of April; for succession, small sowings may be made every month until August, when the main planting is made. Set out the plants one foot apart. Green Curled, Winter. A hardy, vigorous growing endive with bright deep green leaves. The dense mass of deeply divided leaves formed in the center blanches very readily to a rich cream color. This sort is highly esteemed for the home garden, and is much used for salads. Pkt., 10c; oz., 25c; 2 oz., 45c; ¼ lb., 75c.

Everwhite Curled. (See cut.) Blanches rapidly and is very tender. Pkt., 10c; oz., 25c; 2 oz., 45c; ¼ lb., 75c.

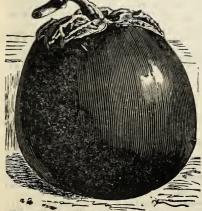
is very tender. Pkt., 10c; oz., 25c; 2 oz., 45c; 3/4 lb., 75c.

Broad Leaved Batavian. (Escarolle.). Leaves long and broad, thick and succulent. One of the choicest salads. Pkt., 10c; oz., 25c; 2 oz., 45c; 1/4 lb., 75c.

Horseradish Roots

Maliner-Kren. This new variety from Bohemia is larger, earlier, and whiter than the common kind. We highly recommend it. Doz., 25e; 50, 75e; 100, \$1.25.

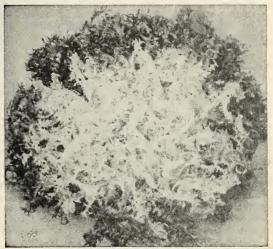
Common Variety. Very choice sets grown by an expert. Doz., 15c; 100, \$1.00.



New York Purple Eggplant

French Endive or Witloof Chicory

Used principally as a winter salad, and it is most delicious served with French dressing and eaten like Cos Lettuce. Should be sown in June in drills 10 inches apart; allow plants to grow until November, when they should be taken up, the leaves trimmed to 1½ inches from the neck, and the roots cut off to within 8 inches of the neck, then planted upright, 1½ inches apart, in trench 16 inches deep. Fill trench with good soil, and for quick growth cover with manure. In about four weeks it will be ready for use and is eaten either raw as a salad or cooked. Quality is very fine. Pkt., 10c; ½ oz., 15c; oz., 25c; ½ 1b., 80c.



Everwhite Curled Endive

CAVOLO VERDE KALE SOLANKA

One ounce will sow 200 feet of row; 4 pounds will sow an acre

Sow about middle of April in well prepared beds covering thinly and evenly. Plant out in July like cabbage and give same culture.

Dwarf Green Curled Scotch. Very hardy, nicely curled. Most popular sort. Pkt., 10e; oz., 25e; 1/4 lb., 65e; lb., \$1.60.

Dwarf Curled Siberian (German Greens). Dwarf curled; bluish-green; very hardy. May be sown in August. Pkt., 10c; oz., 25c; 1/4 lb., 65c; lb.,

PETONCIANO EGGPLANT GRUSKA

One ounce will produce about 1,000 plants; 1/4 pound will sow an acre

For best results, Eggplants require rich soil, moisture and warm weather. Sow in gentle heat from middle of March to middle of April. Transplant from June 1st to June 15th, setting the plants about 3 feet apart each way.

Johnson's New Purple Tokyo. This is the finest sort for home use. Extra early, surprisingly prolific, quality splendid. Size about 7 inches long and 2 inches in diameter. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75.

Early Black Beauty. From ten days to two weeks earlier than It is a distinct sort and of rich lustrous purplish black color. It is a distinct sort and a favorite where known. The plants are remarkably healthy in their growth and yield an abundance of large fruits. The fruit is very attractive in appearance. This variety is entirely spineless. Quality the very best. Pkt., 10c; ½ oz., 40c; oz., 75c; ½ lb., \$2.00.

Improved New York Purple. Very solid, of rich shining deep purple color. Pkt., 10e; ½ oz., 40e; oz., 75e; ¼ lb., \$2.00.

LATTUGA LETTUCE SALATA

One ounce will produce from 2,000 to 3,000 plants: 3 pounds will sow an acre

Lettuce thrives best in a light, very rich, moist soil. For first crop sow in gentle heat in February, and transplant to 10 inches apart. For a summer supply sow thinly in shallow drills 18 inches apart, and transplant or thin out, leaving a foot between the plants. Sowing may be made from April to the end of August.

Unrivaled. French Grown. An improvement on the White-seeded Big Boston, forming very solid, large, pale green heads of excellent quality, without the reddish brown tinge. Forms a head in about 6 weeks, and is earlier than the regular Big Boston, May be sown all through the year and stands heat remarkably well; it is also a very fine forcer. Is crisp, solid and a good shipper. Pkt., 10e; oz., 35e; 1/4 lb., 90c.

Grand Rapids. (Johnson's Special Forcing Strain.) The favorite loose-leaved forcing lettuce, and does well in the North for early planting outside. Leaves blistered and crumpled, and the border heavily fringed; color light green, with no trace of brown. A most handsome and attractive lettuce of fair quality. Our stock of Grand Rapids is very

specially selected. Pkt., 10c; oz., 20c; 1/4 lb., 60c. Wonderful. (Sometimes called New York or Los Angeles.) This very large heading lettuce is desirable not only for summer use but is much used as a fall market sort. The plant is compact and tight heading; outer leaves attractive deep green, broad, frilled at edges. The inner leaves form a large head, very sweet and tender. Commonly

called Iceberg. Pkt., 10c; oz., 35c; 1/4 lb., 90c. Big Boston. Fine for forcing in cold frames or for early outdoors. Pkt., 10e; oz., 25e; 1/4 lb., 75c.

Dreer's Allheart. Splendid for greenhouse forcing or for very early outdoor heads. Pkt., 10c; oz., 20c; ¼ 1b., 65c.

Burpee's Wayahead. A new and very desirable early heading sort for outdoor culture, in the home garden. Pkt., 10c; oz., 20c; 1/4 lb., 60c.



Johnson's Unrivaled Lettuce, French-Grown

Black Seeded Tennis Ball. The best heading variety

for use under glass. Pkt., 10c; oz., 25c; ¼ lb., 70c. Improved Salamander. Large heads that stand the drought and heat longer than any other. Pkt., 10e; oz., 20e; 1/4 lb., 65e.

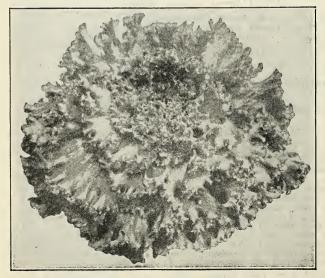
Iceberg. A large head of splendid quality. Pkt., 10c; oz., 25e; ¼ lb., 75e.

May King. Extra large, round solid heads. Very early. Pkt., 10c; oz., 25c; 1/4 lb., 75c.

Early Prizehead. A large clustering lettuce, most excellent for the home garden. Pkt., 10c; oz., 25c;

Black Seeded Simpson. One of the best for sowing outdoors, exceedingly tender. Pkt., 10c; oz., 25c; 1/4 lb., 75c.

Trianon Self-Closing Cos. Leaves long, narrow, forming close upright heads. Pkt., 10c; oz., 25c; 1/4 lb., 65c.



Johnson's Special Grand Rapids

CAVOLO KOHLRABI KALAREPA

One ounce will sow 200 feet of row

If you have never grown Kohlrabi, you should try it this year. It is a most excellent vegetable, intermediate between the cabbage and turnip. Cultivate like cabbage and, when young, cook like turnips.

Early White Vienna. Flesh clear white, outside greenish white. Most popular. Pkt., 10c; ½ oz., 20c; oz., 30c.
Early Purple Vienna. Same as above excepting skin is purple. Pkt., 10c; ½ oz., 20c; oz.,

30c.

PORRO LEEK PORY

One ounce will sow 100 feet of row; 4 pounds will sow an acre

Sow as early in spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high, transplant in rows ten inches apart each way.

Broad American Flag. The most desirable for family use. Pkt., 10c; ½ oz., 20c; oz., 35c; ½ 1b., 90c.

Large Carentan Winter. A very large variety of superior quality. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., 90c.



Selected Tip Top

Forcing Muskmelons

Sutton's Windsor Castle. (English Forcing.) The best green fleshed variety for greenhouse. Pkt., 25c.

Carter's Blenheim Orange, (English Forcing.) The best scarlet fleshed variety for the greenhouse. Pkt., 25c.

WATERMELON

COCOMERO-MELON WODNY

One ounce will plant about 20 hills; 3 to 4 pounds will plant an acre

Irish Grey. This new melon is already becoming popular. The vine is very vigorous and produces fruit until late summer. Flesh is beautiful red and free from stringiness. Well adapted for either market or home use. Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., \$1.25.

Harris' Earliest. The finest of all the early maturing melons of medium size and oblong shape. The vine is productive and a sure cropper, the melons maturing early. Adapted to the Northern States. Pkt., 10e; oz., 20e; 1/4 lb., 45e; lb., \$1.25.

Ice Cream or Peerless. Exquisite quality; red flesh, medium size; early. Pkt., 10c; oz., 20c; ¼ Ib., 45c; Ib., \$1.25.

Kleckley Sweet. A new melon. Very popular. Long, dark; exquisite Pkt., 10e; oz., 20e; 1/4 lb., 45e; lb., \$1.25.

Cole's Early. Large heart, flesh of fine texture and good flavor and a good variety for our Northern States. Pkt., 10e; oz., 20e; 1/4 lb., 45e; lb., \$1.25.

Tom Watson. A large oblong Melon that has become a great favorite everywhere. The flesh is bright red of delicious flavor. Pkt., 10e; oz., 20e; 1/4 lb., 45e; lb., \$1.25.

PRESERVING CITRON, Red-seeded, Most desirable for preserves; flesh solid and white. Pkt., 5c; oz., 10c; 1/4 lb., 25e; lb., 85c, postpaid.

MUSKMELON POPONE

One ounce will plant 50 hills; 2 to 3 pounds will plant an acre
After all danger of frost is over, and the ground has become warm and dry, plant in hills 4 to 6 feet apart each way,
6 to 12 seeds to a hill. When up, and all danger of insects
has passed, pull out all but 3 plants. Cultivate until the
vines cover the ground, and pinch the ends of the growing
shoots to induce early fruiting.

Bender's Surprise. See page 10.

Lake Champlain. See page 10.

Lake Champlain. See page 10.

Emerald Gem. (Salmon flesh.) This beautiful melon is early
and prolific. The skin is smooth, of a deep emerald green
color. The flesh is thick and firm, ripening almost to the
rind. Well adapted to Northern Ohio. Noted for its high
quality. Pkt., 10c; oz., 20c; ¼ 1b., 50c; lb., \$1.50.

Honey Dew. This new sort is well worthy of a trial by all
who love Muskmelons. It has created sensations wherever
high class hotels have served it. Pkt., 10c; oz., 25c; ¼ lb.,
60c; lb., \$2.25. One ounce will plant 50 hills; 2 to 3 pounds will plant an acre

high class hotels have served it. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$2.25.

Selected Osage. Well suited to sandy soil. Yellow, fine quality. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

Ohio Sugar. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

New Fordhook. Salmon fiesh, flattish shape, well netted, flesh thick, very early. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

lb., \$1.75.
p Top. Select Stock. Good size, superb quality; salmon flesh. Our stock is fine. Pkt., 10e; oz., 20e; ½ lb., 60e;

Extra Early Hackensack. Standard extra early sort. Green flesh. Pkt., 10c; oz., 20c; ½ lb., 50c; lb., \$1.75.

Netted Gem or Rocky Ford. The melon which made Rocky Ford famous. Small, early, green flesh. Pkt., 10c; oz., 20c;

Ford famous. Small, early, green flesh. Pkt., 10e; oz., 20e; ¼ 1b., 50e; lb., \$1.50.

Honey Ball. Honey Ball matures a week later than Netted Gem. It is a little larger than that famous variety, perfectly round, and has delicious green meat. The skin is greenish white and slightly netted. Very prolific and of most delicious flavor. It is a cross between a Cantaloupe and a Honey Dew. Pkt., 10e; oz., 25e; ¼ 1b., 60e; lb., \$2.25.

Hearts of Gold. Within late years this variety has become very popular in some of the melon-growing districts. It is an excellent shipping melon and will reach the market in first class condition. The fruits are very uniform, somewhat flattened, about 6 inches in diameter, and 5 inches in depth. They weigh about 2 lbs. each. The flesh is a beautiful salmon shade. It is very thick, ripens close to the rind, and is of delicious flavor. Pkt., 10e; oz., 20e; ¼ lb., 60e; lb., \$2.00. 60e; lb., \$2.00.

MUSTARD

Sow thickly during early spring, in shallow drills 12 inches apart. For fall use, sow in September.

Southern Giant Curled. The large leaves, which often measure 14 inches, are ready for use in about six weeks after sowing. Continues to yield until frost. Leaves are eaten boiled like spinach. Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., \$1.25.

Fordhook Fancy. Plants are of vigorous growth, and have beautiful dark green leaves which curve outward like a fine ostrich plume. It stands well, even during the hot summer months. It is even superior to the best spinach in flavor. Pkt., 10c; oz., 25c; ¼ 1b., 60c; lb., \$1.50.

MUSHROOM SPAWN

Have Fresh Mushrooms on Your Table Every Day ure Culture. (In bricks.) The finest quality. This is vastly more dependable than the old style of English Miltrack Spawn, and costs but little more. Bricks, 35c each; 10 bricks, \$3.00. Ask for prices for large lots. Free Leaflet on Mushroom Culture on request. Pure



Famous Irish Grey Watermelon

One ounce will sow 100 feet of row; 5 pounds will sow an acre

row; 5 pounds will sow an acre

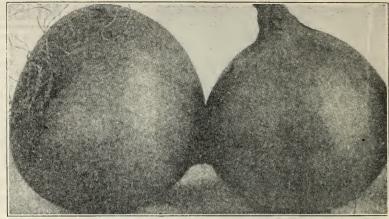
Johnson's Selected Ohio Yellow
Globe. Our seed of this finest
of all Yellow Globe Onions is
grown in Lake Co., C., by one
of the most expert onion men
in the state. The strain is
distinguished by a distinct attractive shape and a handsome
bright even yellow color—
ripens early and all at once;
neck very small, and cures
down to almost nothing. The
firm, solid bulbs are excellent
winter keepers, and all that
can be desired in size and
quality; yielders—800 bushels
per acre are frequently grown
on rich onion land. This is a
superb onion for all classes of
soil and especially good for
all northern Ohio onion sections on account of quick maturing. Pkt., 10c; oz., 35c; ¼
lb., \$1.00; lb., \$3.00.

Ailsa Craig. It has a handsome appearance, being

Allsa Craig. It has a handsome appearance, being large—12 have been known to weigh 30 pounds—it has fine straw-colored skin; these qualities make it excellent for exhibition purposes, in which it is a successful competitor of large, imported Spanish onions. The shape is globular and it forms a fine thin neck for a large onion. A splendid keeper; for eating raw it has no superior; it is mildly pungent in flavor, sweet and desirable. Pkt., 15c; oz., 50c; ½ lb., \$1.25; lb., \$4.00.

Yellow Globe Danvers. This produces well-ripened bulbs, averaging 2 inches in diameter and nearly globe-shaped. The skin is a light golden brown or pale yellow, and the flesh is pure white, crisp, and mild in flavor. An excellent variety. Pkt. 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

Southport Yellow Globe (Special Connecticut-Grown). Our Connecticut-grown strain matures evenly and produces true globe-shaped onions. The color of the skin is a bright golden yellow. The flesh is pure white, mild, solid, and juicy. It is a splendid keeper. Pkt. 10c; oz., 35c; 1/4 lb., \$1.00; lb., \$3.00.



Johnson's Selected Ohio Yellow Globe Onion

Earliest White Queen (Barletta). Also known in the South as White Pearl. This is the best of all for small pickles and the earliest ripening onion in cultivation. The bulbs, of a pure paper-white, are generally very small, averaging only 1½ inches in diameter. They are uniform in size and shape. Pkt., 10c; oz., 50c; ½ lb., \$1.50; lb., \$4.00.

White Welsh or English. A distinct variety which does not form a bulb like other Onions, but a small enlargement at the base of each shoot. Leaves are pinkish white and delicately flavored. Good for bunching. Pkt., 15c; oz., 75c; ½ lb., \$2.50.

Onion Sets As soon as the ground can be worked three inches in the row. For succession continue planting every two weeks.

White Bottom Sets. Mild. Very popular. Qt., 35c.

Yellow Bottom Sets. Preferred by many on acount of stronger flavor. Qt., 30c.

Egyptian Winter Sets. Plant in August and September for use late in fall and following spring. Very hardy. Qt., 25c.

Southport White Globe (Special Connecticut-Grown).
The large bulbs have a pure paper-white skin. The flesh is also pure white, sweet, juicy, and of a most delightful mild flavor. Pkt., 10e; oz., 50e; ¼ lb., \$1.50; lb., \$4.00. Southport Red Globe (Special Connecticut-Grown). In some sections the Southport Red Globe is a most favorite color of this popular type. They mature early and ripen with a thin neck. The skin is a bright and rich crimson. The flesh is white, slightly tinted with light rose near the skin. The flavor is mild and tasty. Pkt., 10c; oz., 40c; 1/4 lb., \$1.20; 1b., \$3.50. Mammoth Silver King. Large flat and thick bulbs. They measure 5 to 7 inches in diameter and weigh 2 to 3 pounds each. The skin is clear white and the flesh is snow-white, sweet, and tender. Pkt., 10c; 0z., 35c; ¼ lb., \$1.10; lb., \$3.00. rizetaker Onion. Prizetaker is an Onion that has proved to do well in all sections of the country under varied conditions of climate and soil. The bulbs grow to extra large size, weighing as much as 4 pounds each. They often measure over 4 inches in diameter. The thin skin is a beautiful golden brown and the flesh is pure white, solid, crisp, juicy, and mild. Uniform in size, shape, and color. Pkt., 10e; oz., 35e; ½ 1b., \$1.10; 1b., \$3.00. Prizetaker

White Portugal. Very early, flat, white sort. Mild flavor. Largely used for growing sets. Pkt., 10c; oz., 45c; ¼ lb., \$1.25; lb., \$3.50.

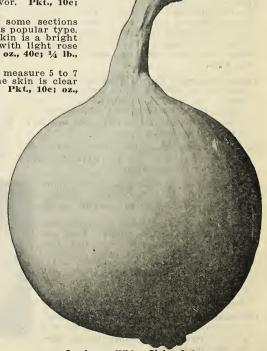
OKRA OR GUMBO

OKRA, Ger.; GOMBO, Fr.; QUIMBOMBO, Sp.

Sow after the middle of May, or early in June, in rich soil in drills about an inch deep and 3 feet apart; thin out to 8 inches.

White Velvet. Tender white pods, of smooth and velvety appearance. Pkt., 10c; oz., 15c; 1/4 lb., 35c.

Perkins' Mammoth. The long pods measuring 4 to 5 inches are produced in great quantities. The appearance is handsome, of green color and best quality. Pkt., 10e; oz., 15e; 1/4 lb., 35c.



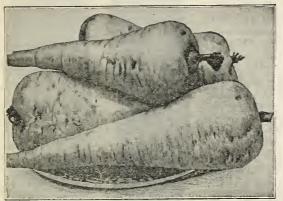
Southport White Globe Onion

PASTINAKE; PARSNIPS PASTINACA, Sp.

Parsnips are of the easiest culture and require a full season to come to maturity. Seed of the long varieties should be sown early in spring up to May 15. Early Short Round matures quicker and gives a full crop planted as late as June 1. The roots may be left outdoors all winter, or they may be stored in a cool, well-ventilated cellar, packed in boxes filled with slightly moist soil. Grow plenty of parsnips for winter storing. They are very nutritious. One ounce for 300 feet of row. Sown at the rate of 4 to 6 pounds per acre.

Improved American Hollow Crown

This grows longer than the preceding variety, but does not have so broad a shoulder. The roots are long and tapering, requiring a deeply worked soil to develop to perfection. It is a widely known variety, 15 inches long and 3 inches in diameter at the shoul-Pkt., 10e: oz., 20e; 4 oz., 40e; ½ 1b., 60e; 1b., 95e; 2 lbs., \$1.70; 5 lbs., \$4.00, postpaid.



Improved American Hollow Crown Parsnips

Guernsey

The roots are medium long, with a broad shoulder, gradually tapering downward. The white skin is smooth and attractive. It is considered the best and most productive of the long parsnips. The fine-grained, tender sweet flesh makes it a desirable table variety. Pht. 10c. 02. 20c. 4 02. 40c. 40c. 41. Pkt., 10c; oz., 20c; 4 ozs., 40c; 1/2 lb., 60c; lb., 95c; 2 lbs., \$1.70; 5 lbs., \$4.00, postpaid.

Early Short Round

This is the earliest of all parsnips. It will give a

good yield when sown as late as June, and will make a succession crop to early maturing vegetables. The roots often measure 5 to 6 inches across and 3 to 4 inches deep. The pure white flesh is fine-grained and firm. It is sweet and tasty. Easily grown and easily harvested. Pkt., 10e; oz., 20e; 4 ozs., 45c; ½ lb., 70c; lb., \$1.20; 2 lbs., \$2.20; 5 lbs., \$5.30, postpaid.



Early Short Round

PREZZEMOLO PARSLEY PIETRUSZKA

One ounce will sow 150 feet of row; 3 pounds will sow an acre

Culture. Soak seed for several hours and sow in border or frame. Thin the rows or transplant to 9 inches each way.

Johnson's New Bouquet. (See cut p. 10.) This New Parsley is so beautifully curled and crested that we have felt justified in calling it "Bouquet." Without doubt it is the most ornamental variety grown—and hence for garnishing has no equal. It is of dwarf, compact habit of growth, and its color is a most pleasing shade of green. Pkt., 10c; 1/2 oz., 25c; oz., 45c.

Champion Moss Curled. A choice selected strain. with crimped and curled leaves. Pkt., 10c; oz., 20c; 14 lb., 40c.

Hamburg Turnip-Rooted. The root, which resembles a small parsnip, is the edible portion of this variety. Extensively grown and used for flavoring soups, etc. Pkt., 10c; oz., 20c; 14 lb., 40c; lb., \$1.25.

PEANUTS

make compact Wammoth Bush. bushes eighteen inches high, with heavy, erect stalks. They produce a large quantity of the mammoth nuts, adapted for culture in our northern climate, especially in light or sandy soils. Large pkt., 10e; 1/4 lb., 20e; lb., 50e; 1/2 pt., 20e; pt., 35e; qt., 60c.

Sweet Spanish. The earliest variety grown. Pods are small, remarkably solid, well filled and of an extrafine quality. Yield per acre very large. Large extrafine quality. Yield per acre very pkt., 10c; 1/4 lb., 15c; lb., 40c, postpaid.

ACETOSA SORREL

One ounce will sow 100 feet of row

Sow early in spring, thinly in rows 12 to 18 inches apart. Thin to 6 or 8 inches apart.

Large French Broad-leaved. Has large, pale green leaves of mild, acid flavor; esteemed as a salad, also cooked as greens, etc. Pkt., 10c; oz., 25c; 14 lb., 65c.

RHUBARB OR PIE PLANT

RHABARBER-RUIBARBO

One ounce of seed will produce 500 plants

Requires a deeply cultivated and thoroughly manured soil. Sow the seed early in the spring, in rows 1 foot apart. The second year after planting, plants can be removed in autumn to the permanent place in the garden alloted to them. Plant the roots 2 feet apart each way.

Victoria. In general use for market and homegarden. Pkt., 10c; oz., 25c; 1/4 lb., 60c; lb., \$1.75, postpaid.

RHUBARB ROOTS. Each, 25c; doz., \$2.50.

GROCH GARDEN PEAS PISELLO

One to two pounds will plant 100 feet of row; 120 pounds will plant an acre

Peas mature earliest in a light, rich soil; for general crop, a rich deep loam is the best, When grown in gardens sow in double rows six to eight inches apart, the rows two to four feet apart, the tall ones requiring brush. Commence sowing Alaska and First and Best as early as the ground can be worked in February or March; and continue with other sorts for a succession every two weeks until June. One quart for 8 rows 10 feet long. See page 8 for new varieties.

Earliest Varieties

Earliest Varieties

New Eight Weeks. (See page 9.) Pkt., 15c; ½ lb., 40c; lb., 65c; 2 lbs., \$1.10; 10 lbs., \$4.50.

New Hundred Fold. (See page 9.) Pkt., 15c; ½ lb., 40c; lb., 65c; 2 lbs., \$1.10; 10 lbs., \$4.50.

Alaska. The very earliest sort. Sometimes called First of All. Pkt., 10e; ½ lb., 20c; lb., 35c; 2 lbs., 60e; 10 lbs., \$2.50.

First and Best. A round, hard-shelled variety. Can be sown when frost is barely out of the ground. Height, 2½ feet. Pkt., 10e; ½ lb., 25c; lb., 45c; 2 lbs., 75c; 10 lbs., \$3.00.

Gradus or Prosperity. An extra early wrinkled Pea, hardy, early and profitable. This remarkable Pea is one of the most widely known varieties in cultivation. The vine is about 24 inches in height on good soil. The pods are borne abundantly. As many as 8 to 10 peas of the largest size and most luscious quality are found in each pod. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 80c; 10 lbs., \$3.50.

Extra Early Pilot. The pods and peas are nearly as large as those of Gradus, while they are produced as early as the smooth-seeded extra-earlies. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 10 lbs., \$2.75.

Blue Bantam. Quite similar to Laxatonian. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 10 lbs., \$4.00.

Nott's Excelsior. An improvement on American Wonder, being as early and pods much larger. Height, 14 inches. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 65c; 10 lbs., \$3.00.

Sutton's Excelsior. The finest early large podded dwarf wrinkled pea. 1½ feet. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.25.

Laxatonian. 15 to 18 inches high, 25c; lbs., 40c; 2 lbs., 65c; 10 lbs., 25c; lb., 40c; 2 lbs., 6

Laxatonian. 15 to 18 inches high,

Laxatonian. 15 to 18 inches high, very large pods, similar to Gradus in shape. Quality splendid. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 85c; 10 lbs., 84.00.

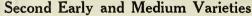
Thomas Laxton. One of the very earliest varieties. The plant is a very hardy and strong grower, producing extra large size pods in abundance. The quality is delicious and cannot be surpassed by any other variety. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.25.

Little Marvel. A great acquisition. early large pods, heavy cropper. 75c; 10 lbs., \$3.50.

Little Marvel. A great acquisition. Height, 15 inches. Deep green, extra early large pods, heavy cropper. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.50.

Pioneer. One of the earliest of the wrinkled peas; robust in habit and bearing an abundance of handsome dark green pods well filled with large peas of fine quality. Height, 1½ feet. Pkt., 10c; ½ lb., 30c; Lb., 50c; 2 lbs., 85c; 10 lbs., \$4.00.

Peter Pan. Height, 15 to 18 inches. The largest podded of the dwarf varieties. Pods 4½ to 5 inches long, dark green in color, and well filled with large Peas of superb quality. Very productive. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 85c; 10 lbs., \$3.75.



Dwarf Telephone. Pods containing 8 to 9 large wrinkled peas equal to Telephone pods. Sometimes called Carter's Daisy. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.25.

Alderman. A remarkably strong growing main crop variety of the Telephone type, with enormous dark green pods, containing 8 to 10 large, wrinkled Peas of immense size; very tender and luscious. 4 to 5 feet high. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.25.

Telephone. Immensely productive, finest quality. The pods are of large size, containing 6 to 7 peas. of pale green color, of delicious flavor, 3½ feet. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.25.

General and Late Crop Peas

Johnson's New Prizewinner. (See page 9.) Pkt., 15c; ½ lb., 35c; lb., 60c; 2 lbs., \$1.00; 10 lbs., \$3.50.
Potlatch. The vines require no brushing, the pods are immense in size and fullness, and packed with peas that are sweet and rich flavored. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.25.
Improved Stratagem. Pods of immense size, filled with very large, dark green Peas of the finest quality; height, 18 inches. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.25.
Champion of England. A popular wrinkled variety of delicious flavor; profuse bearer. Peas are large and very tender, 5 feet. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 10 lbs., \$3.00.
Melting Sugar. Edible podded. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 85c; 10 lbs., \$3.25.



Alderman Peas



PEPERONE PEPPER PIEPRZ

In the latitude of Cleveland, sow the seed in hotbeds in early March. Thin out or transplant the seedlings when they are 2 inches high, giving them plenty of room to develop sturdy plants. When the weather is settled and the soil warm, transfer them to the open ground, setting them about 2 feet apart in rows 3 feet apart. A rich, mellow, well-drained soil is best. The fruits are used in both the green and ripe stages for making all sorts of pickles. The large-fruited varieties are desirable for stuffing. An ounce of seed will produce about 1,000 plants.

Johnson's Earliest Mango. The flavor is very mild, so that the peppers may be eaten like an apple. In an average season Johnson's Earliest will produce five times as many peppers as any other sweet kind, and they mature much earlier. Pkt., 10c; oz., \$1.00; 1/4 lb., \$2.50.

Harris' Early Giant. Large and early. 5 inches high and 3½ inches through. Deep green turning to red. Sweet and pleasant. Pkt., 25c; oz., \$1.75.

Johnson's Crimson Perfection Pimiento. This is the Pimiento Pepper used so extensively in Spain for canning. It is the sweetest of all sweet Peppers, without any trace of pungency, and the thickest-fleshed Pepper in cultivation. The fruits are of good size, conical or heart-shaped, and perfectly smooth. Midseason. Pkt., 10c; oz., 55c; ½ lb., \$1.40; lb., \$3.50.

Sarly Neapolitan. The earliest of the really large-fruited sorts and one of the most productive. The fruits average 4 inches by 2 inches and are always sweet; unsurpassed for pickling. The plants are vigorous and carry immense crops, the first Peppers being ready for pickling in mid-July. Pkt., 10e; 0z., 45c; 14 lb., \$1.25; lb., \$3.50.

arris' Earliest. Where the seasons are short, this is the only large-fruited Pepper which can be relied upon to produce a good crop. We recommend it to all who have not been able to mature Peppers heretofore. Pkt., 15c; 14 oz., 25c; oz., 65c; 14 lb., \$1.75. Harris' Earliest.

Ruby King. Following closely after Neapolitan, Ruby King produces a fine crop of large, sweet Peppers. The flesh is thick, sweet and mild. Pkt., 10c; oz., 50c; ¼ lb., \$1.15;

Ruby Giant or Worldbeater. The result of a cross between Ruby King and Chinese Giant; fully as early and productive as Ruby King while the fruits approach those of the Chinese Giant in size. Pkt., 10c; oz., 50c; 1/4 lb., \$1.15;

hinese Giant. The real giant of the Pepper family. Enormous, blocky, thick-fleshed fruits, bright red in color and very mild and sweet in flavor. Pkt., 15c; oz., 75c; ¼ 1b., \$2.00; lb., \$8.00. Chinese Giant.

Crimson Giant. Said to have been developed from a cross between Chinese Giant and Bull Nose. Early and, like Bull Nose, very prolific; deep green ripening to bright crimson. Pkt., 10c; oz., 65c; ¼ lb., \$1.75; lb., \$6.00.

Sweet Mountain. Nearly, if not quite identical with Bull Nose. Pkt., 10c; oz., 50c; 1/4 lb., \$1.75; lb., \$5.00.

diameter and 2 inches deep, rich, deep scarlet in color, produced in clusters of four or five, on bushes 15 inches high and 20 inches broad. Very prolific and exceptionally mild. Pkt., 15c; oz., \$1.00; 1/4 lb., \$3.00.

Sunburst (Yellow). The best large-fruited yellow Pepper. Fruits resemble Ruby King in size and shape, but are bright yellow when ripe, thick-fleshed and mild. Pkt., 10e; oz., 85c; ¼ lb., \$2.75.



Johnson's Earliest Mango

Bull Nose or Large Bell. A widely grown, standard variety for market. Extremely prolific; fruits of good size, very thick and blocky; flesh usually sweet but becomes very hot in dry seasons. Pkt., 10e; oz., 45e; 14 lb., \$1.25; lb., \$3.50.

Golden Queen. A large, sweet Pepper which ripens bright yellow instead of red. Fruits like Bull Nose; thick-fleshed and very sweet. Pkt., 10e; oz., 55c; 14 lb., \$1.60;

Red Squash. Dwarf and prolific; small, round, thick-fleshed and sweet pods. Pkt., 10e; oz., 50e; lb., \$5.00.

Long Red Cayenne. Pods 4 to 6 inches long, bright red, and very hot. Prolific. Pkt., 10c; oz., 50c; ¼ lb., \$1.40; lb., \$5.00.

Small Red Chili. Pods 2 inches long, conical, scarlet, very pungent. Pkt., 10c; oz., 55c; ¼ lb., \$1.25; lb., \$4.00.

ZUCCA PUMPKIN BANIA

One ounce will plant about 25 hills; 4 pounds will plant an acre

Grown principally for stock-feeding, yet some are so sweet, juicy, and fine-grained that they will always be considered indispensable for pies and sauces. Culture like melons, but the soil need not be so rich and the hills should be planted farther apart.

Small Sugar. Ten to 12 inches in diameter, almost round and slightly ribbed; flesh sweet; skin deep bronze yellow. The favorite variety for pies and a good keeper. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.55.
Mammoth King. The largest Pumpkin grown, often attaining a weight of 100 pounds. Flesh close-grained and of fine flavor; skin golden yellow. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb. \$1.55.

oz., 20e; ¼ lb., 50e; lb., \$1.75.

Large Cheese. Large, somewhat flattened with creamy yellow skin and flesh; good quality. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.
 Connecticut Field. The common field Pumpkin; largely grown in corn for feeding to stock, but suitable also for pies. Orange skin and bright yellow flesh. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Golden Oblong. A long, cylindrical Pumpkin with bright yellow flesh of extra-fine quality. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Winter Luxury, or Pie Squash. See Specialties, page 10. Round, golden yellow, netted; flesh very rich; a fine keeper. Pkt., 15c; oz., 25c; ¼ lb., 65c; lb., \$2.25.

Sweet Potato. M 40c; lb., \$1.35. Medium-sized; pear-shaped; flesh creamy white; excellent flavor. Pkt., 10e; oz., 20e; 1/4 lb.,

SALSIFY

OYSTER **PLANT**

Mammoth Sandwich Island. Roots large, long, smooth, tender, and well flavored, resembling fair-sized parsnips. Pkt., 10e; oz., 30e; 1/4 lb., 85e; lb., \$2.75.



Johnson's Home Table. A nearly globe-shaped Radish, very large, and remaining in good condition a remarkably long time for such an early variety. Skin is fine crimson, and flesh pure white of excellent quality. It matures very quickly and is tender and crisp. A fine sort for open ground and for successive sowing. Pkt., 10c; oz., 25c; ¼ lb., 75c.

Johnson's Stock Long White Icicle. A beautiful waxy white, long-rooted Radish, gradually tapering down from the shoulder which is about 5% inch in diameter. The roots are usually 5 or 6 inches long and have small tops. This is the earliest of the long-rooted early summer white sorts, desirable for outdoor planting and for forcing. Flesh is crisp and tender. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Cincinnati Market. The finest long Red Radish in cultivation either for house or for market. Skin scarlet colored, very thin, the flesh crisp, brittle and of delightful flavor. Pkt., 10c; oz., 20c; 1/4 lb., 45c; lb., \$1.25.

White Tip Sparkler. A splendid variety of the Scarlet Turnip White-Tipped type, but showing more white, practically the whole lower part being white, while the upper half is a bright scarlet; good quality. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Bright Red Forcing. An excellent extra-early forcing variety forming radishes which are uniform, small, nearly round and of bright scarlet color. Tops are very small. Flesh white, crisp, and finely flavored. Matures in 20 days. Our strain of this perfect Radish is clean and fine, and is in very large demand. Pkt., 10c; 0z., 20c; 14 lb., 45c; lb., \$1.25.

Philadelphia White Box. A very fine early Radish, round, slightly flattened, and of a beautiful white color. It has a medium top, matures early and is grown extensively both under sash and outdoors. Our stock is excellent. Pkt., 10c; oz., 20c; 1/4 lb., 45c; Lb., \$1.25.

French Breakfast. A favorite sort, mild and crisp. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

White Tipped Scarlet Turnip. For early planting in frames or outdoors. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Rosy Gem. An extra early strain of White Tip Scarlet Turnip, adapted to forcing. Pkt., 10c; oz., 20c; 1/4 lb., 45c; lb., \$1.25.

White Stuttgart. Shape like a turnip; skin and flesh both white, excellent summer variety. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Long White Vienna or Lady Finger. Pure white in color, of long tapering shape. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Improved Chartier. The color at the top is crimson, running into pink about the middle, and from thence downward is pure white. Splendid for summer use. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

China Rose. Bright rose color; fine for winter use. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Round Black Spanish. Fine for winter use. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

Celestial. Flesh white and crisp; fit to use early in the fall. Pkt., 10e; oz., 20e; ¼ lb., 45e; lb., \$1.25.

California Mammoth White Winter. A white-fleshed Radish of excellent quality. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

RADISHES

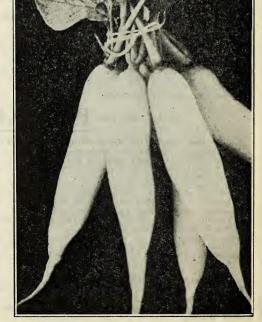
RAVANELLO-RZODKIEW

One ounce will sow 100 feet of row; 8 pounds will sow an acre in drills; 12 pounds broadcast

To be crisp and tender, Radishes must grow quickly; whenever growth is checked by drought or cold weather, they become tough and pithy. Rich, light sandy soil suits them best. For the forcing crop, sow seeds in hotbeds in rows 5 to 6 inches apart and thin the plants as the ground becomes warm. Seed of winter varieties should be sown in midsummer. Summer varieties are best adapted for general crop.

Johnson's Extra Select Scarlet Globe. (See cut.) This new radish has a remarkable ability to bear the heat necessary for rapid growth without becoming pithy or losing flavor. As shown in the illustration, it is of surpassing beauty as regards shape and color. The flesh is crisp, tender, juicy and mild. The color is a rich scarlet. It has a small top and the roots are surprisingly uniform in shape and size. We offer only the most carefully grown seed. Pkt., 10e; oz., 20e; ¼ lb., 50e.

Johnson's New Saxa. (See cut page 5.)
The earliest of the forcing radishes,
and one of the slowest to shoot to
seed. Round, bright scarlet and
with the smallest possible top. Pkt.,
10c; oz., 20c; ¼ lb., 50c.



Icicle Radish

SPINACH

One ounce will sow 100 feet of row; 15 pounds will sow an acre in rows, 25 pounds if brondenst

acre in rows, 25 pounds if brondeast

Johnson's Norbek. This new variety is the top notch of the Spinach family, being a decided improvement on all other kinds. The leaves are broad, heavy and of a dark green, glossy color, much more heavily blistered than Long Season; it will also stand at least a week or ten days longer without shooting to seed, which is an important factor. The plant is not of the rosette type, but stands more erect, and requires a less number of plants to fill a basket than any other variety. A trial will convince you that this is the most profitable variety to grow. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

Victoria. Very heavy, broad deep green crumpled leaves; stands long in prime condition, rendering it especially valuable for spring sowing. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c.

Thick Leaf (Virofiay). The favorite variety for early spring or fall crop. Quick grower and an immense yielder. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c.

Long Season. A variety quite similar to Victoria, but more wrinkled. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c.

Everlasting, or New Zealand. Distinct; endures heat;

more wrinkled. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c.
Everlasting, or New Zealand.. Distinct; endures heat; best for summer. Thrives during the hot weather in any soil, rich or poor. The tender shoots are of good quality and may be cut throughout the summer. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., 81.25.
King of Denmark. This splendid new sort from Denmark is undoubtedly the most valuable introduction of Spinach in recent years. Remains in condition from one to two weeks after other varieties have gone to seed. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., 81.00.

lb., \$1.00.



Johnson's Norbek Spinach

Bloomsdale Savoy Leaved (Norfolk Savoy). Very early and hardy, and one of the best for market. Plant of upright growth; leaves of medium size, more or less crumpled and blistered; color glossy deep green. Pkt., 10c; oz., 15c; 1/4 lb., 25c; lb., 60c.

Early Giant Thick Leaved. One of the largest sized varieties, sometimes measuring 2 feet across. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c.

SQUASH

ZUCCA-MIEKURZ

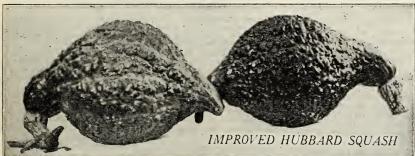
Mammoth Yellow Bush Scalloped or Golden Custard. This is identical to the Mammoth White Bush, but the fruits are even larger and have a rich, golden orange yellow flesh. Pkt., 10c; oz., 20c; 1/4 lb., 45c.

Mammoth White Bush Scalloped. True bush growth, and produces large fruits with scalloped edges, frequently 12 to 14 inches in diameter. Pkt., 10c; oz., 20c; 1/4 lb., 50c.

Giant Italian Summer. This is about the size and shape of a baseball bat. Very popular where there is a large foreign population. Color white. Must be used before becoming hard. Pkt., 15c; oz., 30c; 1/4 lb., 75c.

Warted Hubbard, Similar in size

Pkt., 15c; oz., 30c; ½ lb., 75c.
Warted Hubbard. Similar in size
and quality to the well known
Hubbard, but is more heavily
warted and a very dark green,
almost black, in color. Our
stock of this variety is exceptionally true. Pkt., 10c;
oz., 20c; ½ lb., 55c.
Fordhook. A small, oblong variety, excellent for summer
or winter; fruits 8 to 10
inches long. Pkt., 10c; oz.,
23c; ½ lb., 60c.
Des Moines. This is a small
acorn-shaped, dark green
Squash, almost black, about
5 or 6 inches long and 4
inches in diameter. The
ground is literally dotted with
the dark-colored Squashes,
which are the very essence
of quality. It makes excellent pies and can be cooked
whole when young, and it is
also a good keeper. Baked
halves of Des Moines Squash
always cause favorable comment. Pkt., 15c; oz., 30c;
½ lb., 55c. ment. Pk 1/4 lb., 85c. Pkt., 15c; oz., 30c;



den Hubbard. The shell is moderately warted, hard, strong and of a rich orange red color. Flesh deep orange, dry and of best quality; good keeper. Pkt., 10c; oz., 20c; ¼ lb., 55c.

Delicata. An early ripening winter sort producing oblong fruits. Orange yellow, striped with green. Known as "Sweet Potato" Squash. Pkt., 10c; oz. 25c; ¼ lb., 65c.

Giant Summer Crookneck. (Bush). The largest and one of the earliest summer varieties. Fruits warty. Pkt., 10c; oz., 20c; ¼ lb., 55c.

Improved Hubbard. The standard winter squash; fruits large, heavy and moderately warted; shell dark bronze green, showing more or less light green markings toward blossom end; flesh bright orange yellow, fine grained, thick and dry. Pkt., 10c; oz., 20c; ½ lb., 55c.

Blue Hubbard. (New.) A large variety having a hard, blue-grey shell. It long-keeping sort and of finest quality. Pkt., 15c; oz., 55c; ¼ 1b., \$1.50.

VEGETABLE MARROWS

Long Cream. A vine variety. Oblong shape, with smooth creamy-white skin. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$2.00.

English Marrow. A bush variety. Fruits shorter than Long Cream. Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., \$1.75. Long Green. Long and rather slim, with striped green skin; a vine variety. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$2.00.

Cocozelle Bush. Oblong; skin green striped; excellent quality. Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., \$1.75.

TOMATO

One ounce will produce from 1,000 to 2,000 plants

Culture. Sow from March to April 15th in a hotbed or greenhouse, where the temperature is never below 60 degrees. About the first of June they may be transferred to the open ground. Set them deeply, four feet apart, and a shovelful of rotted manure should be mixed in the earth of each hill.

Early Red Varieties

Early Red Varieties

EW WAYAHEAD TOMATO. A distinct new type which has all the good qualities of Earliana and is, in addition, extra-hardy, vigorous, disease-resistant and a heavy producer, continuing to bear long after the first picking is taken off. Its most distinctive feature is the foliage which is of the potato-leaved type, a characteristic that has always been associated with unusual vigor and resistance to blight, etc. the fruits are of good size, smooth, solid, bright red and of fine quality. Will ripen as early, if not a few days earlier, than Earliana and is, therefore, the earliest Tomato in cultivation. Pkt., 15c; NEW WAYAHEAD TOMATO.

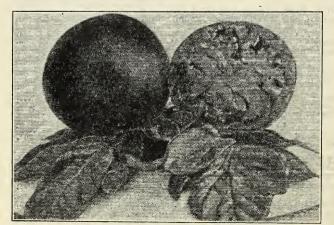
the earliest Tomato in cultivation. Pk 1/4 oz., 30c; oz., 80c; 1/4 lb., \$2.75; lb., \$8.00.

Redhead. An early, deep red variety of good size and shape. It is very meaty and nearly free from cracks. Fruit is very smooth and runs quite uniform in size; very productive. Pkt., 10c; 1/2 oz., 30c; oz., 50c; 1/4 lb., \$1.50; lb., \$5.00.

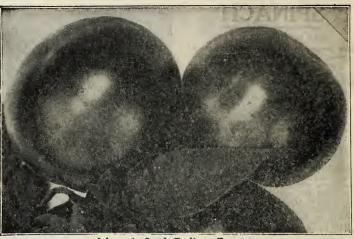
Spark's Earliana. Ready to pick 100 days after the seed is sown. Medium size, handsome shape, bright red; quite solid; of rather acid quality. Season of bearing short. Pkt., 10e; oz., 40e; ¼ lb., \$1.40; lb., \$3.75.

John Baer. Ripening a few days after Earliana, produces larger fruits and plenty of them. On account of its wider soil adaptability, it is a better kind to grow for first-early in the home-garden than Earliana. Always smooth, semi-globe-shaped, bright red; quality excellent. Pkt., 10c; oz., 45c; ¼ lb., \$1.35; lb., \$4.50.

Manyfold. Ripening with Bonny Best and bearing fruits which are nearly as large, Manyfold will outyield any early, large-fruited Tomato in cultivation. Moreover, Manyfold leads in quality. The fruits, which are nearly true globe-shaped, are fine for eating raw, as well as for canning and ketchupmaking. Pkt., 10c; oz., 50c; 1/4 lb., \$1.50; lb., \$5.00.



New Wayahead Tomatoes



Johnson's Stock Earliana Tomatoes

Bonny Best. Follows Earliana by about ten days and is, without a doubt, the most widely grown early Tomato. The fruits are slightly larger than those of Manyfold, averaging 3½ inches in diameter, and the plants are almost as prolific. Although Bonny Best does not have a long bearing season, the yield is so large under any conditions as to make it a most profitable variety to grow. Particularly suited for light, sandy soils; fruit smooth and solid, ripening uniformly; bright red. Pkt., 10e; 02., 45c; ½ lb., \$1.35; lb., \$4.50.

Chalk's Jewel. Later than Bonny Best; fruits slightly larger, and a better yielder, particularly on heavy soils on which it produces enormous crops and bears for a long season. Fruit solid, bright crimson and of fine quality. Pkt., 10e; 02., 40c; ¼ lb., \$1.25; lb., \$4.00.

Main-Crop Red Varieties

Greater Baltimore. A select strain of Stone, ripening several days earlier and nearly as productive. Largely grown for canning in the northern states. Pkt., 10c; oz., 45c; ¼ lb., \$1.35; lb., \$4.50.

Pkt., 10e; oz., 45e; ¼ lb., \$1.35; lb., \$4.50.

Stone. An old favorite—the standard Tomato for main-crop and canning. Immensely productive; fruits large and smooth, bright scarlet, solid and meaty. Pkt., 10e; oz., 35e; ¼ lb., \$1.25; lb., \$3.50.

Matchless. Another strain of Stone, with extra-large fruits; late but the heaviest yielder of all. The best main-crop variety for the home-garden. Rich cardinal-red; flesh solid and of the finest quality. Pkt., 10e; oz., 35e; ¼ lb., \$1.25; lb., \$4.00.

Enormous, or Red Ponderosa. A crimson-fruited counterpart to the famous Ponderosa. Largest size and finest quality. Pkt., 15e; ½ oz., 35e; oz., 65e; ¼ lb., \$2.15; lb., \$6.50.

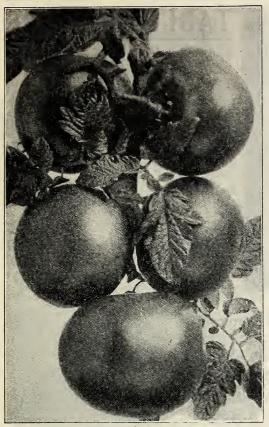
Dwarf Tomatoes

When fully grown, the plants average 3 feet tall by 2 feet across. They should be tied to short stakes. Ideal for the small home garden.

Dwarf Stone. The most popular of the dwarf kinds; quite early and a heavy cropper. Fruits large and solid, deep scarlet. Pkt., 10c; oz., 45c; 1/4 lb., \$1.35; lb., \$4.50.

Dwarf Giant, or Dwarf Ponderosa. Furplish crimson fruits of the largest size; flesh solid and contains few seeds. Pkt., 10c; oz., 65c; ¼ lb., \$1.95; lb., \$6.50.

Dwarf Champion. Stocky plants, maturing early and bearing a large crop of medium-sized, smooth, purplish pink fruits. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.



Johnson's Improved Beauty Tomatoes

Greenhouse Tomatoes

English Comet. This is a splendid variety for greenhouse. It is very short-jointed, fruiting close up to the stem. The tomatoes are of a good medium size, quite smooth, very solid and of a deep scarlet color.

Pkt., 15c; ½ oz., 35c.

Sutton's Best of All. Sets freely and is an immense cropper. smooth, good size; deep scarlet. Pkt., 15c; ½ oz., 35c.

Stirling Castle. An extra-select forcing strain; medium-sized, bright red fruit; very productive. Pkt., 15c; 1/2 oz., 45c; oz., 80c; 1/4 lb., \$2.50; lb., \$8.00.

Sunrise (Carter's). One of the best of the English forcing Tomatoes. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.50; lb., \$8.00.

How to Stake and Prune for Biggest Crops

Staked plants will bear from 30 to 50 per cent more of perfect fruits than any per cent more of perfect fruits than any plants that spread over the ground. About July 4 place 5-foot stakes within 2 inches of the base of each plant. Then, with a sharp knife reduce each plant to 3 of the strongest branches. Tie the branches to the stake, and as the branches climb, remove all side-shoots at the base of each plant and all suckers which develop at the leaf-joints. When the plants reach the top of the stakes, begin to prune out the centers also.

Pink Tomatoes

June Pink. Identical with Earliana, but pink in color. A good producer and resistant to blight. 100 days. Pkt., 10c; oz., 60c; ¼ lb., \$1.85; lb., \$6.00.

arly Detroit. Follows June Pink; fruits larger, uniformly smooth and well-colored. A good producer on any soil. Pkt., 10c; oz., 45c; ¼ lb., \$1.35; lb., \$4.50. Early Detroit.

Gulf State Market. (New.) The finest early purple-fruited Tomato. Ripens with Early Detroit but is larger, more solid and more globe-shaped. Productive and a good shipper. Pkt., 10c; oz., 65c; ½ 1b., \$1.95; Ib., \$6.50.

Ib., \$6.50.

GLOBE. An outstanding variety; most valuable purple Tomato. Commencing to bear in early mid-season, it produces an enormous crop of handsome, distinctly globe-shaped fruits of the very finest quality. On light or sandy soils the yield is considerably reduced, so we recommend Globe particularly for medium and heavy soils, under which conditions it is sure to satisfy the most critical of Tomato growers. As a home-garden Tomato it is unexcelled, being suitable for salads, stewing, canning—in fact, for every purpose. In addition, it is one of the best shipping varieties. Smooth purplish pink. Pkt., 10e; oz., 60e; ½ lb., \$1.85; lb., \$6.00.

Beauty. Johnson's Improved. A productive main-crop

Beauty. Johnson's Improved. A productive main-crop variety; fruits of good size, smooth, solid, never cracking; quality excellent. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.

Ponderosa. The largest of all Tomatoes, regardless of color. Properly grown, a single plant will often bear from 20 to 30 large fruits, generally in clusters of three, each cluster weighing from 1½ to 2 pounds. Our strain has been carefully selected, and much of the roughness for which this sort was noted has been removed. Its quality is unsurpassed and, although it is not suitable for market, it is one of the most desirable Tomatoes for the home garden. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.75; lb., \$7.00.

Truckers' Favorite. A purple-fruited counterpart to Stone. Extremely productive; fruits large, solid, smooth and of the finest quality. A few days later than Beauty but a heavier cropper. Pkt. 10c; oz., 45c; ¼ lb., \$1.25; lb., \$4.50.

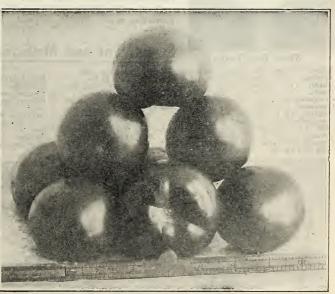
1/4 lb., \$1.25; lb., \$4.50.

Yellow Ponderosa. Similar in size and growth to Ponderosa; clear golden yellow; solid and mild in flavor. Pkt., 15c; oz., 60c; ¼ lb. \$1.85; lb., \$6.00.

olden Queen. About size and form of Beauty; smooth golden yellow. Pkt., 5c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50. Golden Queen.

Preserving Tomatoes

The following small-fruited varieties are used for making preserves, and are also quite ornamental. Pearshaped Red, Pear-shaped Yellow, Yellow Plum, Yellow Cherry, Red Cherry, Red Currant, Red Peach, Strawberry, or Ground Cherry. Pkt., 10c; ½ oz., 25c; oz., 45c.



New Extra Early Wayahead Tomato



Purple Top White Globe Turnips

TABLE TURNIPS

For early use sow as soon as the ground can be prepared. Sow for succession at intervals of a fortnight, until the last of August.

White Fleshed Turnips

Purple Top White Globe. (See cut.) This is one of the handsomest and most salable Turnips. Very desirable for either home or market gardens. It is a large, rapid growing sort, with globular shaped roots. Flesh is pure white and the top bright purple. On account of its shape it will outyield any other sort and is always a sure cropper. Pkt., 10e; oz., 20e; ½ lb., 45e; lb., \$1.50.

Early White Egg. (See cut.) Matures very quickly and is adapted for either spring or

sure cropper. Prkt., 10c; 0z., 20c; 4, 10., 40c; 1b., \$1.50.

Early White Egg. (See cut.) Matures very quickly and is adapted for either spring or fall sowing. It is egg-shaped, and very smooth with thin skin. The tops are small and roots which grow partly above the ground are of medium size, pure white skin and flesh which is fine grained and sweet. Prkt., 10c; oz., 20c; 4, 10., 35c; 1b., \$1.10.

Early White Milan. Extra early white of most delicate flavor and tempting appearance. Prkt., 10c; oz., 20c; 4, 1b., 55c.

Purple Top Strap Leaf. A standard sort extensively grown for private use. Pkt., 10c; oz., 20c; 4, 1b., 45c; 1b., \$1.50.

Long White or Cow Horn. A quick growing, long variety, flesh fine-grained, and sweet, excellent for table use. Pkt., 10c; oz., 20c; 4, 1b., \$1.25.

Early Purple Top Milan. Earliest of all purple-

arly Purple Top Milan. Earliest of all purple-topped Turnips. Pkt., 10c; oz., 20c; 1/4 lb., 50c.

White Egg Turnip

Yellow Fleshed Turnips

olden Ball. A rapid grower of excellent flavor, globe-shaped, medium size; bright yellow color, good keeper and a superior table variety or for use in feeding stock. Pkt., 10c; oz., 20c; ¼ lb., ellow \$1.50.

45c; lb., \$1.50. Yellow Aberdeen, Purple Top. Very hardy and productive, good keeper, globe-shaped and fine quality. The Turnips grow to a large size and are valuable for feeding stock. Pkt., 10c; oz., 20c; ½ lb., 45c; lb., \$1.50. Yellow Stone. One of the best flesh sorts for table. Pkt., 10c; oz., 20c; ½ lb., \$45c; lb., \$1.50. Golden Ball or Orange Jelly. Its beautiful color and fine flesh give it a high place in home gardens. Pkt., 5c; oz., 10c; ½ lb., 30c; lb., \$1.00. Seven Top. Most excellent for greens. Pkt., 10c; oz., 20c; ½ lb., 45c; lb., \$1.50.

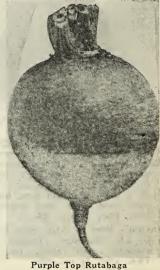
Rutabagas

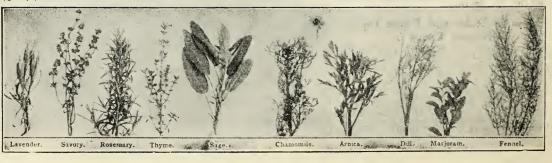
Sow Rutabagas in June and July in drills two feet apart; thin out to nine inches in row. Improved American Purple Top. A yellow-fleshed purple top variety, grown either for stock or table. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

Sweet, Pot and Medicinal Herbs

Horehound. (P.) Used medicinally. Pkt., 10c; oz., 40c. Lavender. (P.) Valuable for its perfume. Pkt., 10c; oz., 85c. Marjoram, Sweet. (P.) For flavoring. Pkt., 10c; oz., 60c. Rosemary. (P.) Valuable as a hair wash. Pkt., 10c; oz., 75c. Sage. (P.) Used for flavoring. Pkt., 10c; oz., 75c. Summer Savory. (A.) For flavoring. Pkt., 10c; oz., 45c; ½ lb., \$1.75.
Sorrel. (P.) Salads and greens. Pkt., 10c; oz., 30c. Thyme. (P.) Used for seasoning. Pkt., 10c; oz., 75c. Wormwood. Pkt., 10c; ½ oz., 35c; oz., 60c.







Clovers, Seed Corn, Oats, Potatoes

Johnson's First Choice Yellow Improved Learning Yellow Dent

Quick Maturing-Heavy Yielding-Tipped and Butted

and Butted

This excellent variety possesses so many good points that we offer it as one of the best early yellow Dent Corns. The plant is strong, deep rooted and stocky, enabling it to withstand drought in a remarkable manner. The corn matures in 85 days from planting; this makes it very valuable to farmers in the northern tier of states. It is a very heavy yielding variety, nearly all stalks bearing 2 ears, some 3. The ears average from 7 to 9 inches in length. It will yield more pounds of shelled corn per bushel of ears than many of the late varieties. Prices, qt., 25c; ½ pk., 65c; pk., \$1.25; bu., \$4.00.

Early Huron Yellow Dent

Stalks grow about 7 to 8 feet high. Ears measuring 8 to 10 inches in length. Color is a clean, light golden. Cobs small, shank easily broken in husking. The seed we offer has been grown in Northern Ohio for many years. Prices, qt., 20e; ½ pk., 60e; pk., \$1.00; bu., \$3.50.

Clover Seed (Write for prices per bus.)

Red Clover, Medium (Trifolium pratense). Sow spring or fall, 10 or 15 lbs. per acre. Lb., post-

spring or fall, 10 or 15 lbs. per acre. Lb., post-paid, 70c.

Red Clover, Mammoth (Trifolium pratense perenne).

For plowing under. 10 to 15 lbs. per acre. Lb.,

For plowing under. 10 to 15 lbs. per acre. Lb., postpaid, 80c.

Alsike or Swedish Clover (Trifolium hybridum). 8 lbs. to the acre when used alone. Lb., postpaid, 55c. White Dutch Clover (Trifolium repens). 8 lbs. to the acre alone. Oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 95c, postpaid. By express or freight, at purchaser's expense, lb., 85c; 5 lbs., 84.00; 10 lbs., 87.75; bu. (60 lbs.), 845.00; 100 lbs., 875.00.

Sweet Clover, Bokhara (Melilotus alba). Grown for Bee food and as fertilizer. 20 lbs. to the acre. Lb., postpaid, 50c.

Lb., postpaid, 50c.

Japan Clover (Lespedeza striata). 14 lbs. to the acre.
Lb., 60c, postpaid; 14 lbs., \$6.00; 100 lbs., \$40.00.

Crimson, or Scarlet Clover. Valuable for hay, or for

cover crop or green manuring. 20 lbs. per acre. Lb., postpaid, 50c.
Alfalfa, or Lucerne (Medicaga sativa). Produces 3 to 4 heavy crops in a season. Lb., 60c, postpaid.

Oats, Choicest Montana-Grown

Standard bushel weighs 32 lbs. Standard bushel weighs 32 lbs.

Early Newmarket. An unsurpassed new English pedigree Oats. Of vigorous growth, with strong straw. Very early and producing heavy crops of large, plump Oats with very thin heads.

Swedish, or Washington. Earliest of the heavy-vielding sorts; grains white, large, and plump. Very prolific.

Storm King. Grain short, plump, and thin-skinned. A heavy cropper. Straw stiff and strong. The best of the Side Oats.

New Victory. This splendid white branch Oat has straw of good length, stands up well and has good root system.

Improved Leaming is medium early. The ears are large with very deep bright yellow kernels. The cob is small. The stalks grow to a medium height and often produce two large ears and make first-class fodder. One of the best varieties to sow for fodder and ensilage, as well as feed grain. Prices, qt., 20c; ½ pk., 60c; pk., \$1.00; bu., \$3.50.

Northern Ohio White Dent

The brightest silver colored Corn. The ears are very large, extra long, medium depth of kernel, extremely firm and solid. It weighs like lead and shells out remarkably well; it matures early, having originated in Northern Ohio. It is very hardy, having a broad kernel, which assures strong germinating power. Prices, qt., 20c; ½ pk., 60c; pk., \$1.00; bu., \$3.50. ing power. bu., \$3.50.

Ensilage Corn

Sow 1 to 11/2 bushels to the acre, in rows 31/2 feet

ed Cob Ensilage. One of the very best varieties and grows well in all sections. It is a pure white Corn on a red cob. making a growth of stalk measuring 12 to 14 feet high. Price, pk. (14 lbs.), \$1.15; bu. (56 lbs.), \$4.00.

MULFORD CULTURES

Inoculate all your legume crops with Mulford Culture Concentrates. Especially recommended because they contain enormous numbers of active, vigorous nitrogen-fixing bacteria, grown from pure, tested strains.

Always specify on your order what crop you want to inoculate.

FOR SMALL SEEDS

10, 2½, 1 and ½ bushel sizes
Crimson Clov
Red Clover Alfalfa Burr Clover Sweet Clover Yellow Clover Alsike Clover Berseem Clover White Clover Mammoth Clover Sainfoin Lespedeza Beggarweed FOR LARGE SEEDS
20, 5, 2 and 1 bushel sizes
Peas

Peas
S
S
Soy Beans
Mung Beans
Gerden Bean Canada Field Peas Garden Peas Perennial Peas Vetch Lupins Garden Lima Beans
 20 bushel size
 \$8.00

 5 bushel size
 2.25

 2 bushel size
 1.00

 1 bushel size
 60
 Garden size (composite culture for Garden Beans, Garden Peas, Lima Beans and Sweet Peas)...

NORTHERN-GROWN SEED POTATOES

Our Potatoes are all choicest northern-grown stock, grown especially for seed purposes. At the date this catalogue goes to press, prices are unsettled, and as there is every possibility that we will be able to quote better prices later than we could now, we name no prices herein. Intending purchasers will please send us a list of their requirements and we will quote lowest possible prices as soon as the market is settled. A bushel of Seed Potatoes weighs 60 pounds; a standard sack contains 165 pounds, or 2¾ bushels. Ten to 12 bushels will plant an acre.

We send out no Potatoes in spring before danger of frost is past
Bovee. A fine extra-early Potato. Very productive;
vines dwarf and stocky; tubers long and bluntended, growing very close together in the hills;
skin creamy white tinged with pink.

Green Mountain, Improved. The leading main-crop

Carman No. 3. A very popular and reliable late Po-tato. Large, oblong, slightly flattened.

Dibble's Russet. A late variety, noted for its vigor, productiveness and freedom from disease. Large, round tubers with white skin, netted golden russet; finest quality.

Early Ohio. Extra-early; tubers rough in the skin; nearly round and quite distinct; cooks dry and mealy. Leads in quality.

Early Rose, Improved. An improvement on Early

Green Mountain, Improved. The leading main-crop Potato. A productive and dependable variety; tubers oblong and somewhat flattened; eyes shallow A few days earlier than the original Green Mountain, and a trifle whiter in color.

tain, and a trifle whiter in color.

Irish Cobbler. Unquestionably one of the best whiteskinned extra-early sorts. Tubers always uniform,
round and of good quality. A good yielder under
widely varying conditions, but is not recommended
for heavy clay soils.

Sir Walter Raleigh. Large, smooth, oblong, white
tubers. A heavy yielding main-crop Potato.

WRITE FOR PRICES

FLOWER SEEDS FOR VARIOUS PURPOSES AND SITUATIONS

For description and prices, see general list

CLIMBING VINES FROM SEEDS

Balloon Vine Canary Bird Vine Cobaea Convolvulus Cypress Vine Dolichos

Gourds Humulus Ipomaea Lathyrus Kenilworth Ivy Kudzu Vine

Maurandi**a** Nasturtium Sweet Peas Thunbergia

FRAGRANT FLOWERS FROM SEEDS

Alyssum Carnations Cleome Dianthus (Hardy) Heliotrope Lavender Mignonette Mimulus · Moschatus Nicotiana affinis Polyanthus Scabiosa Stock Sweet Pea Sweet Rocket Sweet Sultan Sweet William Verbena, Lemon Violet Wallflower

PLANTS ADAPTED FOR EDGING BORDERS

Ageratum Alyssum Armeria Begonia Bellis Candytuft Centaurea Lobelia

Marigold Myosotis Nasturtium Nemesia Nigella Pennisetum Petunia Phlox, Dwarf Portulaca Pyrethrum Sweet Pea, Cupids Sweet William Tagetes Viola Zinnia haageana

GREENHOUSE AND POT PLANTS FROM SEEDS

Abutilon Acacia Antirrhinum Aralia Asparagus Begonias

Calceolaria Celosia Chrysanthemum Cineraria Coleus Cyclamen Dracaena Geranium Ferns Freesia Gloxinia Grevillea Heliotrope Impatiens Lantana Primula Shamrock Smilax Solanum Stevia Stocks Streptocarpus Sweet Peas Trachelium Verbena

EVERLASTING FLOWERS FOR WINTER DECORATIONS

Acroclinium Edelweiss Globe Amaranth Helichrysum Honesty, Lunaria

Rhodanthe

Statice

Xeranthemum

ORNAMENTAL FOLIAGE PLANTS FROM SEEDS

Amaranthus Cineraria maritima

Centaurea candidissima Centaurea gym-

Coleus Corn, Rainbow

Euphorbia

Pyrethrum aureum Ricinus

PLANTS FROM SEEDS SUCCEEDING IN PARTIALLY SHADED PLACES

Anemone Antirrhinum Aquilegia Auricula Begonia, Tuberous Bellis Canterbury Bells Coreopsis (Hardy) Cowslip Delphinium Digitalis Ferns Hardy Primrose Linum Matricaria Mimulus Myosotis Oenothera Pansy Polyanthus

Phlox

Poppies (Hardy) Schizanthus Torenia

ANNUAL FLOWERS FROM SEED, SUITABLE FOR CUTTING

Agrostemma Antirrhinum Arctotis Asters Calendula Calliopsis Candytuft Carnation
Celosia plumosa
Centaurea
Chrysanthemums
Clarkia
Cosmos
Dahlias

Dianthus Didiscus Dimorphotheca Eschscholtzia Gaillardia Godetia Gypsophila Hunnemannia Larkspur Lavatera Lupinus Marigolds Mignonette Nigella

Poppies Salpiglossis Scabiosa Statice Stocks, Ten Week Sunflower Sweet Peas Sweet William Verbena Wallflower Zinnia

HARDY PERENNIALS WHICH CAN BE RAISED FROM SEEDS

Achillea Aconitum Adonis Agrostemma Alyssum Anchusa Anemone Anthemis Aquilegia Arabis Aster Aubrieția Bellis
Bocconia
Boctonia
Campanula
Candytuft
Centaurea
Cerastium
Chrysanthemum
Coreopsis
Cowslip
Delphinium
Dictamnus
Dianthus

Digitalis
Echinops
Edelweiss
Eremurus
Erysimum
Gaillardia
Geum
Grasses
Gypsophila
Helenium
Helianthus
Heuchera

Hibiscus
Hollyhocks
Incarvillea
Lathyrus
Linaria
Linaria
Linum
Lobelia
Luychnis
Matricaria
Nierembergia
Pansies
Pentstemon

Phlox
Physalis
Physostegia
Platycodon
Polemonium
Polyanthus
Poppies
Potentilla
Primula
Pyrethrum
Rocket
Romneya
Rudbeckia

Salvia Scabiosa Statice Stokesia Sweet William Trachelium Tritoma Valeriana Verbena Verbena Veronica Viola Wallflower

VARIETIES OF ROCK GARDEN PLANTS FROM SEED

Adonis Alyssum Anemone Arabis

Auricula

Aubrietia Campanula Dianthus Ferns Gypsophila Helianthemum Iberis Lychnis Myosotis Phlox Primula Saponaria Saxifraga Sedum Veronica Viola

Description and prices of any of the above seeds will be found on pages 41 to 58

NOVELTIES AND FLOWER SEEDS SPECIALTIES IN FLOWER SEEDS

For General List of Flower Seeds, see pages 43 to 62



Aster California Giant

Four Fine Asters

Heart of France. The best pure red Aster ever introduced. Heart of France opens red as a ruby, deepens with age and retains its reruby, deepens with age and retained to markable beauty to the very end. The petals appear strikingly changeable, showing a glow and sheen quite unique. The flowers appear strikingly changeade, showing aglow and sheen quite unique. The flowers are large and full with no trace of a hollow center; the plants are of branching type and very robust; stems long and strong. Pkt., 25c; 1/8 oz., 60c; 1/4 oz., \$1.00.

The habit is similar to the popular Giant Branching, vigorous growth, long stiff stems. In form the flower is entirely distinct from any other variety; petals somewhat resemble the quilled varieties, but are much larger and broader. In shape and size the bloom is round, full and very large. Pkt., 25c; 1/8 oz., 60c; 1/4 oz., \$1.00.

New White Perfection. A distinct race of upright asters. Flower of branching type, snow white, stems long, plant very robust. The full double form of the flower makes a very shy production of seed, hence the following high prices, Pkt., 25c; 1/2 oz., 50c; 1/4 oz., 80c.

Pink Enchantress. Flowers soft delicate pink; always full double, petals of medium length and very broad. Plant upright in habit; stems long, strong and graceful. Mid-season. Pkt. 25c; 1/8 oz., 50c; 1/4 oz., 85c.

One packet of above Four Asters for only 85c

New California Giant Branching

Asters

We have had this strain under observation for the past few years, and it now fully meets with our ideas as to quality. It is a splendid midseason to late flowering strain, the result of years of painstaking selection by one of California's leading hybridizers. The plants grow from 3 to 3½ feet high with long strong stems 18 to 24 inches in length, bearing beautifully formed, curled and interlaced flowers 5 inches and over across. The illustration shown on this page was made from a photograph taken on August 20th. We offer the following beautiful colors:

Lavender Blue. Pure White.

Peach Blossom. Purple Violet.
Rich Rose.
Price. Any of the above, 25c per pkt. Collection containing a packet each of the above

5 colors, \$1.00.
nest Mixed. Containing all colors. 20c per pkt.; Finest Mixed. Co 3 pkts. for 50c.

New Early Beauty Aster

This new strain of the popular Beauty Aster is as early as Crego, and thus has a distinct advantage over the original Beauty Aster, which was too late for many locations. The blooms are magnificent in size, and the long stems are very useful it is a wonder for continuous blooming. We offer the following most effective colors:

Pkt.
 Carmine Rose
 .25c

 Lavender
 .25c

 Purple
 .25c
 Purple

One packet each 5 colors for \$1.00



Early Beauty Aster



Antirrhinum Maximum

Super-Giant Snapdragons

(Antirrhinum Majus Maximum)

This wonderful new group of Snapdragons far surpasses anything yet introduced. In habit they are slightly taller than the Majus group. The flowers are of magnificent size closely placed on the spike. The group as a whole is slightly variable in size and color.

Appleblossom. Soft appleblossom-pink.

Bunch of Lilac. Lilac, purple.

Canary Bird. Canary yellow with deeped yellow lip.
Copper King. Bronzy copper color.

Diamond. Golden yellow, lilac throat.

Golden Queen. Deep yellow.

Indian Summer. Copper brown.

Old Gold. Rose on yellow ground.

Purple King. Deep glowing purple. Snowflake. Dazzling white.

The Rose. Rich rose-pink.

Price. Any of the above, 25c per pkt. Collection containing a packet each of the 11 sorts, \$2.00. Super-giant Mixed. All colors, 25c per pkt.; 3 pkts. for 65c.

Three Beautiful Snapdragons

The sorts offered below belong to the Grandiflora Half dwarf section, and are unusually attractive in color.

Gloria. Rich, glittering deep rose, most effective for bedding or cutting.

ma Donna. Splendid spikes, large flowers of charming color, being amber overlaid chamois effect apricot-pink.

Peerless Pink. One of our own introduction. The flowers are of immense size, two inches and over across, and the color, an even tone of soft shell-pink, the finest clear pink variety yet introduced.

Price. Any of the above 50c per pkt.

Collection of a packet each of the three sorts for \$1.25.

Yellow Cosmos (Klondyke)

Golden yellow flowers borne on long stems, and measures from 2½ to 3½ inches across. To get this variety in bloom before frost in the states north of Virginia it should be grown in pots or boxes, so that the roots are confined, thus throwing it into flower. Pkt., 25e; 2 pkts., 40c.

Candytuft

Giant Hyacinth Flowered White Extra Select. A very select strain worked up from a single plant selection made in 1916. This parent plant threw ten perfect spikes, but the average from the offspring is six and seven. We believe this to be the finest strain of this variety offered. Pkt. 25c; ¼ oz., 55c; oz., \$1.75.

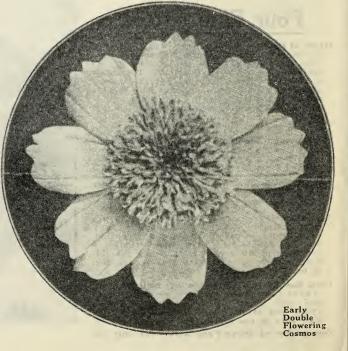
COSMOS

Doubled Crested or Anemone Flowered

It has taken a great deal of care and patience to perfect this strain. The flowers vary considerably in their degree of doubleness, some being absolutely double, while others have a frill or collar surrounding the double disc, and while we think this is the most artistic, they are beautiful in either form, of high value for cutting and garden decoration. We offer both the Early and Late flowering strains. For points north of Cleveland, the early flowering is best.

Easy-flowering Double Cosmos

Late-flowering Double Cosmos



Gaillardia Grandiflora "DAZZLER"

Few flowers rival the Gaillardia for making a gorgeous display in the garden and this fine new variety is an advance on all others of its class. Originating from Lady Rolleston it produces larger flowers with wider florets, often attaining a diameter of 4 to 5 inches. The color is a bright golden vellow with rich maroon-red center, the two tints bearing a wellbalanced and harmonious proportion to each other. The plant is vigorous, throwing up a profusion of long and erect flower stalks, which provide excellent material for cutting and are unsurpassable for table decoration. This novelty comes very nearly true from seed. Pkt., 25c; 3 pkts., 65c.



Gaillardia Grandiflora "Dazzler"

Gaillardia Grandiflora Portola Hybrids

(NEW)

This superb new strain of Gaillardias bears flowers of very large size, the color ranging through shades of bronzy red with the characteristic golden tipped petalage and robust vigor of the well known Portola variety. A splendid cut flower. Pkt., 35c; ½ oz., \$1.00.

New Antirrhinum (Snapdragon)

Katherine Morse. A new color and form of flower in Antirrhinum. The color is soft tones of old rose and yellow. The tube is soft old rose and face of flower yellow suffused with old rose. The top of the flower is beautifully waved. Pkt., 25c.

Orange King Calendula

Ball's Greenhouse Strain. This is an exceptionally fine Calendula for forcing. Color orange with a light center; long stems with very large uniformly double flowers. A very select strain grown for us with the greatest care for our customers. The plants in the open ground under ordinary field cultivation attain a growth of eighteen inches high and produce blossoms three and a half inches in diameter. What they will do under intensive hothouse culture can be left to the imagination. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.50; oz., \$3.25.



Gaillardia-Portola Hybrids

New Hollyhock "QUEEN SHEBA"

A unique color in the highly perfected class of Chater's Double Hollyhocks. The very double and finely formed flowers of this superb variety are of a beautiful primrose-buff hue with rosy reflections, a lovely and most effective coloring and a great acquisition to the varied range already existing in this stately and highly decorative species. 25c; 2 for 40c.



NEW PETUNIAS

Large Flowering

Dwarf California Glants. The habit of the plant is very dwarf, flowers very large and of the finest substance, very fine range of color. Pkt., 30c.

Copper Rose. Enormous flowers of wonderful color with a deep white throat, deeply veined—a shade that attracts and holds your attention. The substance of the petals is firm with a velvety surface. Free flowering, but shy seeder. Pkt., 30c.

Pink Glory. The color is pure flame rose pink without a trace of purple. The flowers measure 3 to 4 inches in diameter and are slightly ruffled. The plants grow compact to a height of 12 to 15 inches and are continually covered with flowers. Excellent for bedding. Pkt., 30c.

omany Lass. One of the finest introduc-tions of recent years. The flowers are of the large Fluffy Ruffle type. The color is a clear bright velvety blood red with purple throat, striped in black. Romany Lass. Pkt., 30c.

Small Flowering

Blue Bird (Nana Erecta Violacea).

Blue Bird (Nana Erecta Violacea). A fine companion to Rosy Morn, same habit and freedom of bloom. Color steel blue, splendid for borders, pots or window boxes. The best small-flowered blue, compact Petunia to date. Pkt., 25c.

Rose of Heaven. Color rich brilliant rose, with inconspicuous white throat, darker than Rosy Morn, a compact grower, very free blooming, the flowers cover the foliage. Unexcelled for pots, window boxes and bedding—a truly wonderful acquisition. Pkt., 25c.

THREE BALCONY **PETUNIAS**

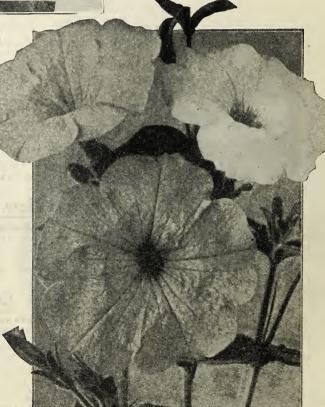
These three varieties, which we offer here this year in order to give them wider prominence, are a select type of the plain edged Petunia which by reason of the habit of the plant is well adapted for window-box culture. The plants are symmetrically formed, grow about 1 foot high, and the flowers are rich and pure, measuring 3 inches across. We offer them in three distinct colors: Balcony Blue, Balcony Rose and Balcony White. Mixture of all three. Each pkt., 20e; 3 pkts., 50c.

POPPY

American Legion. This new single Shirley poppy is a dazzling orange-scarlet of enormous size, borne on long, stout stems. The plants are of very erect robust growth and the flowers are wonderful keepers when cut in bud. A bunch was a beautiful sight for several days when put in water after a four-day trip from California in an ordinary box without the benefit of refrigeration. Path.

out the benefit of refrigeration. Pkt., 15c; oz., 80c.
Sunbeams. This is the result of a cross between the Shirley and Nudicaule types. The flowers are charming shades of orange, salmon, maize and other tints. The blooms keep well in water which makes it a fine cut flower for baskets or vases. Pkt., 25c.
Nudicaule New Art Shades. A charming collection of colors in the Iceland Poppy family, including apricot, burnt orange and lovely pink shades. Pkt., 25c; 2 pkts., 40c.

pkts., 40c.



Balcony Petunias

NEW PERPETUAL-FLOWERING HARDY PINKS

(Dianthus Allwoodi)

We have offered plants of this beautiful strain of Hardy Pinks for several years, and are again able to offer the seed, our supply of which comes to us direct from the introducer, a noted English specialist. It is expected that the seed will produce an average of 75% double, deliciously clovescented flowers in many colors. They are perfectly hardy, and flower continuously from spring until late in the autumn. Pkt., 50c; 3 pkts., \$1.25.

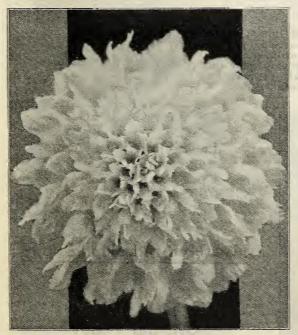
SWEET WILLIAM

(Dianthus Barbatus)

Johnson's Giants. The range of color includes shades which are not to be found in other strains, and the peculiar and delicate marking on the flowers are most attractive.

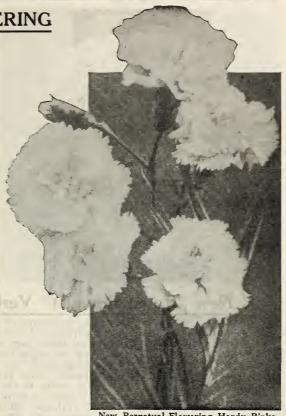
Johnson's Giants are a great improvement on the old-fashioned kinds, inasmuch as the colors and size of flower are far superior, being grown from selected seed. Sweet Williams look well in solid beds or masses and require a good, rich, well manured soil to grow them to perfection, excellent border plants and fine for cut flowers. Plants grow 18 to 24 inches high. Pkt., 25c; 2 pkts., 45c.

Dentosus Hybrids. An exceedingly effective strain of alpine Pinks of hybrid origin, neat tufted habit, producing their gaudy flowers in the greatest profusion throughout the summer and autumn months. Flowers are large and exceedingly varied, from snow-white to the deepest crimson, splashed, spotted and fringed in the most fantastic manner. Totally distinct from anything yet seen in this family. Pkt., 25c.



New Scabiosa—Shasta

A pure white of enormous size, the flowers measuring three and a half inches across the extremely long stems. Pkt., 25c; ½ oz., 50c.



New Perpetual-Flowering Hardy Pinks (Dianthus Allwoodi)

LILIUM REGALE

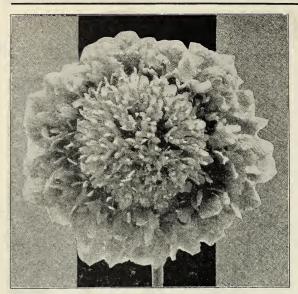
(The Regal Lily)

It is absolutely hardy, and is excellent for forcing. It has been predicted that this will become the Easter Lily of the future, and being so hardy, may be grown at home. The flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow at the center, and extending part way up the trumpet. It is delightfully perfumed, reminding one of the jasmine, and lacking the heavy oppressive odor of most lilies. Blooms out of doors early in July, and seedling bulbs will flower the second year. Pkt. (20 seed), 35c; 3 pkts., \$1.00.

Chinese Woolflower

(Celosia Childsi)

This unique type of Celosia plumosa forms large globular heads like balls of wool or chenille, which looks as if made out of some silky material. The plants 2 to 3 feet in height, branch freely, each branch terminating with a flowerhead. It continues to flower from early summer until frost, and is very effective for gardens, either massed or grown as individuals. Valuable for cutting as they retain their bright color for weeks. Crimson, pkt., 15c; Pink, pkt., 15c; Mixed, pkt., 15c.



New Scabiosa—Peach Blossom

"Highly Commended" by the Royal Horticultural Society of Great Britain. A beautiful shade of Peach Blossom Pink, large size and long stems. An excellent cut flower. Pkt., 25c; ½ oz., 50c.

Cheiranthus Linifolium

(Alpine Wallflower)

A very pretty biennial which can be treated as an annual, flowering freely throughout the summer from seed sown in spring. It forms compact plants about 9 inches high with numerous small spikes of bright mauve flowers, an unusual color and makes a very neat line and is particularly adapted for planting on a rockery. Pkt., 15c; 2 pkts., 25c.

New "Royal Bouquet" Verbena

Wonderful as the Verbena is as a decorative plant for summer bedding, its usefulness has always been limited by its carpet-like spreading habit, and gardeners have long desired to have the plant in a compact and upright growing form. This New Variety forms a plant 15 to 18 inches high and not more than 10 inches across, no lateral branches being thrown out, and what gives this novelty its special value is the fact that the flowers will compare in size and variety of color with those of the finest strains of Auricula-eyed Verbena. Suitable for growing in pots. Mixed Colors. In packets only, 25c.

PETUNIA

Special Ruffled Giants. Our wonderful strain of Ruffled Giants should not be confused with the strains sent out by other growers under this name. The flowers are of immense size, beautifully ruffled and have been rogued down to color and form by a famous Petunia specialist. We make the assertion that there is not a finer strain of this famous Petunia in existence. Pkt., 25c; 5 pkts., \$1.00.





New Verbena, "Royal Bouquet"

Large Flowering Petunia Purple Prince

This splendid rich velvety purple-violet variety belongs to the Grandiflora or large-flowering section, and while not as free as its smaller-flowering relatives, the quality of its blooms make up in effectiveness for what is lost in quality. Like all others of this section it is a very shy seeder. Pkt., 35c; 3 pkts., \$1.00.

New Hybrid Iceland Poppy

This beautiful strain of these charming hardy Poppies is being improved every year, and the stock which we offer this season will be found much finer than heretofore, containing a great number of lovely new shades of color. Pkt., 15c; 2 pkts., 25c.

Oriental Poppy

(P. orientale)

Orientale, New Hybrids. Immense flowers, many of them larger than Orientale, the colors varying from blush-white to orange and deep red. 3 ft. Pkt., 25c; 3/6 oz., \$1.00.

Orchid-Flowered Sweet Peas

We have selected the following out of the large number of new sorts of recent introduction and consider them the finest collection of newer sorts ever brought together.

Crimson King. This grand novelty is the finest and richest Crimson Sweet Pea ever introduced, of strong, vigorous growth and bearing usually four extra large wavy blossoms on long strong stems held well above the foliage so that none of their beauty is lost. Pkt., 20c; oz., 50c; 14

Defiance. This grand American novelty is undoubtedly the finest orange scarlet, a strong robust grower, flowers of largest size, beautifully waved and absolutely sunproof. Pkt., 20c; oz., 50c; ¼ 1b., \$1.50.

Hawlmark Salmon Pink. One of the most attractive of the newer sorts, with flowers of largest size, of a brilliant pink, richly shaded with salmon. A good grower. Pkt., 20c; oz., 50c; 14 lb., \$1.50.

Hawlmark Scarlet. Of the many scarlet sorts introduced none equals this newcomer in brilliancy and purity of color, which is a real vermilion; the size of the flowers and the free growth of the plants leave nothing to be desired. Pkt., 20c; oz., 50c; ¼ lb., \$1.50.

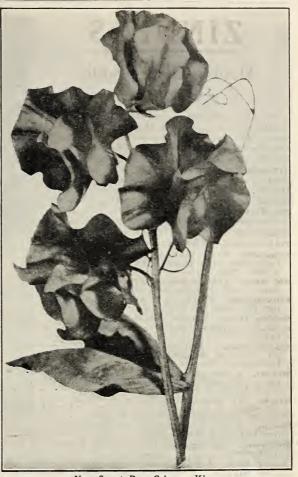
sired. PRL, 200; 52, 500; 44 lb., \$1.50.

Heavenly Blue. For years hybridizers have endeavored to produce a real Delphinium-blue Sweet Pea, and in Heavenly Blue have at last succeeded beyond expectations; the immense flowers, well placed on good strong stems are a pure blue self; a novelty of more than usual merit. 25c per pkt.; \$1.00 per oz.; \$3.00 per ½ lb.

Mary Pickford. A wonderful new variety with nicely waved petals of a dainty clear pink, faintly suffused salmon; borne on four-flowered sprays on strong stems. Distinct and pretty. 25c per pkt.; \$1.00 per oz.; \$3.00 per 1/4 lb.

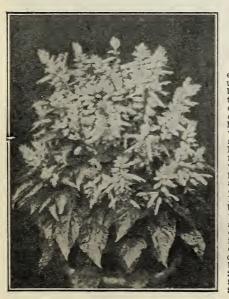
Tangerene Improved. A wonderful glowing tangerine orange color, nicely waved flowers; very effective. Pkt., 20c; oz., 50c; ¼ lb., \$1.50.

Valentine. A grand extra large flowering soft blush pink, of strong, free, vigorous growth. Pkt., 20c; oz., 50c; ¼ lb., \$1.50.



New Sweet Pea, Crimson King

TWO FINE NEW SALVIAS



America or Globe of Fire

A new variety of this popular flower. The bushy plants of this New Salvia do not grow over 15 inches over 15 inches high, although, with the large spikes of bril-liant scarlet flowers thrown well above the plant, it attains a total height of about 2 feet. desired for borders or beds, this is indeed an acquisition on account of its uniformity of height. ontinuous bloomer. Pkt, 25c; ½ oz., \$1.00; ¼ oz.,

New Bouquet Rose Salvia

The outstanding feature of this New Bouquet Rose Salvia is its marvelous evenness of growth. A row of it looks like a well trimmed hedge and is undoubtedly the earliest, freest and most continuous bloomer of all, and what is still more important, the most uniform in habit of growth; the bushy plants do not grow over 15 inches high, with flowers of the most pleasing rose pink thrown well above the plant, making a total height of about 2 feet. It flowers from very close to the ground to a height of 2 feet. This feature will be appreciated by those who use it for beds or borders. Pkt., 25c; 6 pkts., \$1.25.

Bouquet Rose Salvia

ZINNIAS

Double Giant Dahlia Flowered

We are pleased to be able to offer this Zinnia in separate colors this year. The plants are of the same vigorous habit as our Giant Double-flowering varieties. They attain the height of 3 feet, producing mammoth flowers averaging 6 inches across by 3 to 4 inches in depth, similar in shape to the Decorative Dahlia. We consider them a fitting companion to our strain of Giant Double-flowering Zinnias.

We offer 11 of the most wanted colors, separately, as well as a splendid mixture of

many colors, as below:

Exquisite. Truly DAHLIA flowered as regards form and size. Color light rose with center a deep rose.

Old Rose. This is adequately described by its name, as it is of the real Old Rose Shade.

Illumination. Similar to Exquisite, but a striking self color of deep rose.

Golden State. A very rich orange yellow.

Crimson Monarch. The largest and best of red shades.

Scarlet Flame. A large, beautiful, bright scarlet, with a delightful blending of orange throughout the petal.

Meteor. A rich, glowing deep red and the darkest of all the red shades. Fine form, with good depth of petal.

Oriole. We consider this the most beautiful of its class. It is an immense orange and gold bicolor, changing slightly as it ages.

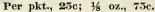
Dream. A fine, deep lavender, turning to Mallow Purple, a new desirable shade in Zinnias.

Buttercup. An immense deep creamy yellow. A very desirable flower, which should be included in every collection.

Canary Bird, A delicate shade of primrose—very large and holds its color well until out of bloom.

Canary Bird, A delicate shade of primrose—very large and holds its color well until out of bloom.

Special Mixture. A well blended mixture containing the above novelties.





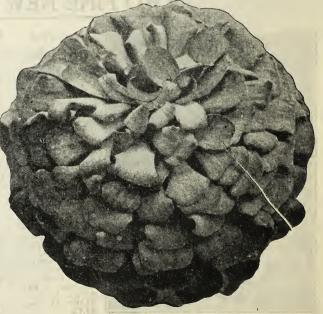
Dahlia-Flowered Zinnias

Three Special Zinnias

Giant Double Quilled Achievement. The petals are partially tubular or quilled, giving the flower somewhat the appearance of a cactus dahlia and displaying a rich variety of colors, mostly of the warmer shades, such as salmon, old rose, deep rose, lilac, bronze and dark red tones. On the reverse side the petals are light or dark lilac, making a wonderful combination of colors. Pkt., 25c; 2 pkts., 40c.

Giant Picotee. A remarkable new and distinct class with beautiful double flowers in orange, flesh, lemon, pink and cerise, each petal being distinctly tipped with various shades of dark, resembling the Picotee Carnations. Pkt., 25c; 2 pkts., 40c.

Watermelon Pink, Pumila Double Zinnia. A very pleasing and charming shade. Extra double flowers, produced on regular dwarf plants. Only 18 inches tall. Include in your order a pkt. of Zinnia watermelon pink, if you want a pleasant surprise. It is a beautiful color. Pkt., 20c; 14 oz., 70c.



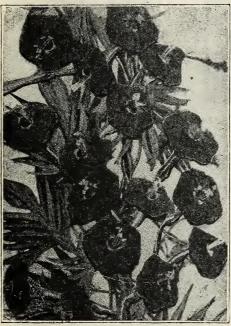
Giant Double Zinnia, Achievement

Alpine Asters

Alpine asters rank high among the showiest spring and early summer flowering perennials of medium and low growth. Their comparatively large star-shaped flowers, borne on single stems and appearing in great abundance, never fail to draw attention. The bright blue, daisy-like flowers with brownishyellow center on stems nearly 18 inches long, during June, are valuable for cutting.

during June, are valuable for cutting.

Alpine asters may be easily raised from seed sown in a cold frame during March or April. Transferred into the open ground they thrive best in a light richly manured soil. Proper care should be taken to give plenty of water during their growing season. On account of their low and compact habit of growth, they prove invaluable as highly effective edging during May. Aster alpinus is also well adapted for slow forcing in pots. Pkt., 15c; ½ oz., 70c.



Cardinal Climber

New Helianthus (Excelsior Hybrid)

A fine, double mixture of yellow and bright red shades predominating, many having large disks. It is a very distinctive mixture of colored sunflowers and contains many new and pleasing varieties. Pkt., 20c; 1/2 oz., 50c.

Ageratum (Blue Perfection)

This is the darkest colored of all large flowering Ageratums. Color deep amethyst-blue; compact growth; fine bedder. Pkt., 10c; ¼ oz., 50c.

New Larkspur (La France)

La France is the most striking of all Larkspurs and is much more vigorous and tall growing than other light shades. The color is a pleasing salmon-pink. Flowers are double and come on long stems. Pkt., 35c; ½ oz., \$1.00.

New Scabiosa (Columbaria)

A South African form of the European Scabiosa. It is a hardy, low growing perennial with fine light-green foliage. Flowers measure 2 to 2½ inches across. Color pink. A fine cut flower. Pkt., 50c; ½ oz., \$1.50.



Aster Alpinus Superbus as Edging

The Cardinal Climber

(Ipomoea Quamoclit Hybrida)

The most beautiful and brilliant annual climber ever sent out. It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful fern-like foliage, and covered with a blaze of circular cardinal-red flowers from mid-summer till frost. The flowers, about 1½ inches in diameter, are borne in clusters of 5 to 7 each. Like other Ipomoeas, it delights in a warm, sunny situation and good soil. Packets containing about 25 seeds each, 15c; 2 pkts., 25c.

Cynoglossum Amabile Blue

(Chinese Forget-me-not)

An annual recently introduced from China; of the easiest cultivation, with strong plants about 18 inches high and producing through the summer months sprays of intense blue Forget-me-not-like flowers. A splendid addition to the comparatively short list of real blue flowers. We sent out a quantity of packets for trial last spring and have received numerous favorable comments. Pkt., 25c; ½ oz., 35c.

New Helianthus

(Maroon Prince)

Maroon Prince is a dwarf-growing strain. True maroon in color, single, and is unquestionably the best red sunflower on the market today. Pkt., 20c; 1/2 oz., 50c.



Ageratum-Blue Perfection

POPULAR AGRICULTURAL BOOKS

Only the best books in their respective fields are listed here, books that we can recommend without reserve. They are worthy of a place on your bookshelf. Read and profit by them.







GARDEN GUIDE (Amateur Gardener's Handbook). fourth edition. This gem covers every step from the preparation of the soil to the preservation of the harvest and we are glad to recommend it to every person who has a lawn to care for, a garden to plant, fruits and ornamentals to prune. Whoever enjoys flowers and wishes to keep them free from insects will appreciate its helpful suggestions. Over 275 illustrations appear on its 384 pages.

Postpaid, cloth, \$1.65

MILADY'S HOUSE PLANTS. Palmer. The care of house plants is simply explained and with the aid of this book, success is assured. Instructions for potting, watering, and arrangement of plants are given, and illustrated. Postpaid, cloth, \$1.10

PRACTICAL LANDSCAPE GARDENING. Cridland. Its practical advice relative to the location of the modest home and details concerning almost every problem confronting the home builder and owner make this one of the very best books on the subject. We recommend it to anyone requiring advice on the proper layout of his grounds, as the many illustrations, sketches, plans and planting keys make the task easy. 266 pages, 6x8 in.

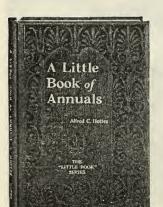
Postpaid. \$2.65 Postpaid, \$2.65 HOME FRUIT GROWER. Kains. A clear, simple, practical and comprehensive volume for the amateur who seeks to grow fruits for home needs. The most approved methods of tillage, spraying, thinning, fertilizing and pruning for maximum production are discussed. Freely illustrated with teaching pictures.

Postpaid, cloth, \$1.65

EGETABLE GARDENING. Watts. A valuable handbook for practical growers; treats of soils, fertilizers, construction of hot-houses, coldframes, crops, insect enemies and diseases, marketing, etc. 525 pages. VEGETABLE GARDENING.

COMMERCIAL FLORICULTURE. Bahr. The writer of this practical manual for the retail grower needs no introduction from us as he has been bringing his excellent ideas before florists for a considerable period and all will welcome this splendid edition, which brings together in one volume the results of his practical experience. Written in a friendly style, the many plants, shrubs, trees, and vines are discussed—which varieties to grow and which to avoid, and how to make the best use of those selected—things every man ought to know, but so comparatively few of us do know. Get acquainted with it; it will repay you quickly.

Postpaid, \$5.00



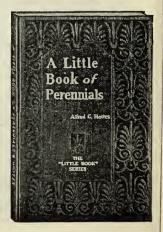
LITTLE BOOK OF ANNUALS. Hottes. A thoroughly reliable guide for the amateur who grows flowers for the love of them. A handsome, freely illustrated book of 128 pages that will appeal to a host of our customers as it is the best thing along this line that has come to our attention.

Postpaid, cloth, \$1.65; paper, \$1.10

LITTLE BOOK OF PERENNIALS. Hottes. 170 pages devoted to a discussion of the most important useful perennials, giving valuable information relative to description, culture, and requirements that every flower lover should know. Well illustrated, making an interesting and instructive book for professional and amateur.

Postpaid, cloth. \$1.65

PRODUCTIVE POULTRY HUSBANDRY. Lewis. There is no problem in any phase of poultry raising that is not thoroughly and clearly treated in this popular book of 574 pages, and illustrated in such a way as to be of interest and value to every man, woman or youngster with five or more chickens. Ee sure to get this veritable encyclopedia. Postpaid, \$2.65



.10

.10 .10

Johnson's Selected Flower Seeds

GENERAL LIST

In the following pages we offer a carefully selected list of Flower Seeds, in which no want of the flower-garden has been overlooked, the numerous varieties insuring a wide range of color, form, height, habit and season, thus permitting selection for any and every ornamental purpose.

ALL FLOWER SEEDS ARE SENT POSTPAID AT PRICES GIVEN

The following abbreviations are used in our Flower list.

H. H. A .- Half Hardy Annuals. A .-- Annuals. H. A .- Hardy Annuals. B .- Biennials. H. B.-Hardy Biennials. P.-Perennials. H. P.—Hardy Perennials. H. H. P.—Half Hardy Perennials.

Ca



Acroclinium

Abutilon (Flowering Maple). Tender perennial shrub of easy culture.	Pkt.
Finest Mixed Colors. Excellent for flowering indoors	\$0.25
Achillea (Sneezewort or Milfoil). H. P. Double. Daisy-like flowers; blooms from June till October.	
The Pearl. Pure white, 2½ ft½ oz., \$1.50	.25
Aconitum (Monkshood). H. P. Long spikes of helmet-shaped flowers; excellent for shady locations.	
Napellus. Blue, 3 ft	.10
Wilsoni. Dark rich blue, 3 ft1% oz., \$1.00	.25
Acroclinium (Everlasting). H. A. Ex- flower for house decoration. They should be gathered before fully open and tops hung downward to dry.	
Double Mixed. 1 ft	.10
Single Mixed, 1 ft	.10

Adonis	Pkt.
Estivalis (Flos Adonis). H. A. Deep green foliage and scarlet flowers	\$0.10
Autumnalis (Pheasant's Eye). H. A. Flowers Crimson, dark center. 1 ft	.10
Vernalis. H. P. Finely cut foliage. bright yellow flowers, blooming early in May	.10
Ageratum H. H. A. Floss Flower. Flowers forming in heads and blooming continuously all summer. Valuable for borders and edgings.	
Mexicanum. Finest mixed, 18 in Oz., 75c	.10
Blue Perfection. Dark blue, 18 in. $\frac{1}{4}$ oz., 50c	.10
Dwarf Imperial. White 1/4 oz., 60c	.10
Dwarf Imperial Blue. Deep blue	.10
Little Blue Star. Fine for bedding, 9 in	.25
Little Dorrit. Azure blue1/3 oz., 30c	.10
Agrostemma Free-flowering, with attractive bright colors, on long slender stems like a single pink.	
Cœli-rosa (Rose of Heaven). H. H. Bright rose. 18 in¼ oz., 50c	.10
Flos-Jovis (Jove Flowers). H. P. Bright pink. 18 in	.10
Alyssum, Sweet H. A. One of the best known annuals; used extensively for bordering and edging, also valuable for cutting. Flowers from early summer till late	

Benthami (Sweet Alyssum). Fragrant, 10 in
Little Gem, Snow-white Carpet Plant. The plants, which are only a few inches high, grow so dense and are so completely covered with snow-white blossoms they create the impression of a beautiful snow-white carpet. Our strain of this is unquestionably the best in the world, one plant like another, absolutely perfect
Lilac Queen. Beautiful lavender lilac color
HARDY ALYSSUM Saxatile Compactum (Gold Dust). H. P. Yellov 9 in. Excellent for bordering perennial gardens

Amaranthus

	2 Illiai allicitas	
udatus	(Love-Lies-Bleeding). Crimson	10
		.10
nentus	(Prince's Feather). Dark red	

Ammobium Pkt. (Winged Everlasting). Alatum Grandiflorum. A very attractive annual everlasting; flowers are silvery white with yellow disc; grows best in light soil. 2 ft.

Ampelopsis

Veitchi (Boston Ivy). A very elegant hardy vine, attaching itself to stone, brick or wood-.10

Anchusa

"Dropmore Variety." One of the best blue perennials. H. P. The bright blue Forget-Me-Not-like flowers are borne on graceful stems during the entire season and very late into the Fall. 4 to 5 ft............. % oz., 40c Capensis (Summer Forget-Me-Not). H. A. A

beautiful border plant with branched heads of azure blue with white eye. If sown in April will be in bloom by July. 2 ft.....

Anemone H. P. One of the most beautiful perennials, having a great variety of color and flowering in May and June. Coronaria (Wind Flower). Mixed. 9 in.....½ oz., 30c

St. Brigid (Irish Anemone). Extra large. 9 in. 16 oz., \$1.00 Sylvestris (Snowdrop Windflower). Large, nodding sweet-scented white flowers, tinged lavender. 1½ ft. April-May..... 1/8 oz., \$1.00

.15

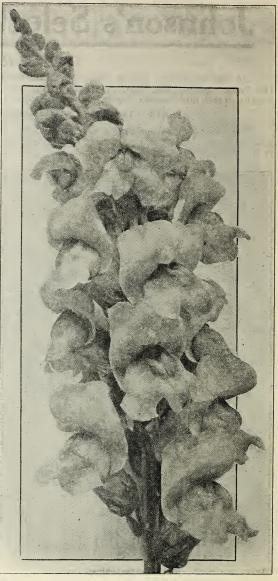
ANTIRRHINUM (Snapdragon)

Within the last few years Snapdragons have become immensely popular. This is not to be wondered at, as, whether used for cutting or for show in the garden, they are one of the most valuable flowers which can readily be grown from seed. We offer three distinct types, the large-flowering, tall-growing or giant, the equally large-flowered, half-dwarf variety, and the new maximum variety. In our trials the seeds sown out of doors the first week of May came into bloom early in July, remaining in full flower until November. For earlier flowering, they may be started indoors or in a frame in March, transplanting them to the open when the weather is suitable. We have made exhaustive tests of scores of varieties, and offer the following as being the best in their respective colors.

Large-Flowering Giant Sorts Pkt	
Crimson King. Rich garnet crimson \$0.1	0
Golden King. Rich yellow	0
Fire King. Brilliant orange scarlet	0
Harmony. Terra cotta shaded rose	0
Queen Victoria. Purest white	0
Rose King. Soft silvery rose	0
Collection of a pkt. each of the above 6 sorts, 50c.	
Finest Mixed. All colors	0

Large-Flowering Half-dwarf Sorts

A splendid type, growing about 18 inches high, the
best for bedding purposes. Pkt.
Silver Pink. Soft-pearly pink \$0.10
Empress. Rich velvety crimson
Golden Queen. Rich yellow
Grenadier. Fiery orange scarlet
Purity. Snowy white
Fawn. Rose and gold
Collection of a pkt. each of the above 6 sorts, 50c.
Choice Mixed. All colors



Antirrhinum-Large-Flowering Giants

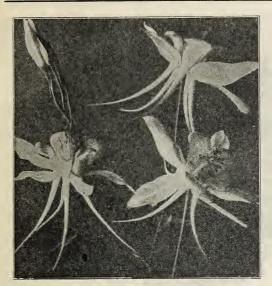
Maximum or Super-Giant Sorts

A new strain of tall strong growth producing long spikes of gigantic flowers. Appleblossom. Soft appleblossom-pink.
Canary Bird. Canary yellow with deeper yellow lip.
Copper King. Bronzy copper color.
Old Gold. Rose on yellow ground.
Snowfiake. Dazzling white.
The Rose. Rich rose-pink.

Price. Any of the above, 25c per pkt.

Collection containing a pkt. each of the 6 sorts, \$1.00. Super-giant Mixed. All colors, 20c per pkt.; 3 pkts. for 50c.

There is one book which should be in every gardener's and home-owner's library. It is GARDEN GUIDE described on page 42 of this catalogue.



Johnson's Seed Store, 2172 East Ninth St., Cleveland, Ohio

Aquilegia (Columbine)	
Long-Spurred Hybrids. A beautiful strai	n.
comprising shades and combinations of blu white, yellow, orange, orange-scarlet ar bright rose-pink, in large flowers with lor spurs 2 pkts. 60	e, d
Caerulea. (Rocky Mountain Columbine). Flov	7 -
ers large, petals white, sepals deep blue, spuvery long; one of the most beautiful	
Vulgaris. The common European Columbin	
flowers rich violet blue. A strong and eas grower	зy

Arabis plant. Flowers borne on erect spikes,	
pure white and blooming very early. Useful	
in sunny rockeries and well drained borders.	20 10
Alpina. 9 in. Dwarf White	\$0.10
A H. A. Daisv-like flowers, pure	
Arcotosis H. A. Daisy-like flowers, pure white with light blue center, often	
3 inches across.	4.0
Grandis, 2½ ft	.10
• (Thrift Sea Pink) Grand plants	
Armeria (Thrift Sea Pink). Grand plants for crevices of wall and rocks, and	
also for growing in flower borders or as	
permanent edgings; excellent plants for the sea coast. June-July.	
Alpina. Purple flowers in July	.10
Formosa, 9 in. Pretty rose pink. Grand for	
borders	.15
A Trans consected alone	
Asparagus Very graceful plants exten- sively grown for cutting, the	
foliage being used in all designs, bouquets,	
etc.	
Plumosus Nanus50 seeds, 50c; 100 seeds, \$1.00	.25
Sprengeri50 seeds, 30c; 100 seeds, 50c	.10

	forms pyramidal bushes 3 to 5 ft. high. The foliage is a rich, dark green color	.15
5	Aubrietia Large-flowering Hybrids. (Rain- bow Rock Cress). A beautiful dwarf rock plant, covered with sheets of bright flowers in spring and early summer	.15
)	Auricula (Primula Auricula). A well-known favorite of great beauty; seed sayed from splendid choice mixed varieties;	
)	half hardy perennial; 6 inches	.25

Pkt. Artemicia Sacrorum Viridis (Summer Fir).

JOHNSON'S SELECT ASTERS

\$0.35

.10

.10

Cultural Hints For early flowering the seed should be started in the house, hotbed or cold-frame in April, August and later flowering it is just as well to sow them in the open in May, preferably in a prepared seed



Improved Victoria Aster

bed, transplanting them when two or three inches high to where they are to bloom although they may be sown where they are to flower with equally as good results.

We make a great specialty of this popular flower, securing our stocks from the most skillful growers only, and we confidently recommend them. Aster Plants are ready in June.

Improved American Victoria Asters

(Daybreak)

This is by far the finest of all Asters for beds or borders where an even growth and a mass of flowers are wanted for effect: the sturdy upright plants, 12 to 14 inches high, carry not less than 50 flowers each, producing a mass of color unequalled by any other; blooms from early August till late October.

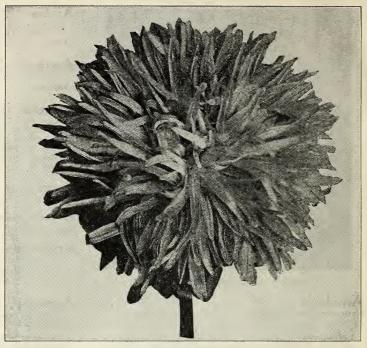
Pkt.
Daybreak. Delicate La France Pink\$0.15
Purity. Purest white
Pale Lavender. A delicate shade
Rose-pink. Rose, shading to blush-pink15
Salmon-pink. Rich salmon-pink, exquisite
Azurea. Rich, deep lavender-blue
Collection of a packet each of the above 6 colors
Choicest Mixed All colors 1/ 02 75c .10

King Asters

Of the late branching type. Bloom round, full and very large, and of a soft violet shade; stems long and stiff. August and September. 2 to 2½ feet.

	Pkt.
Lavender King. Soft lavender blue	\$0.15
Pink King. An attractive delicate shell pink	.15
Rose King. A beautiful brilliant rose variety	.15
Violet King. A pleasing soft	
shade of violet	.15
White King. Pure white	.15
Crimson King	.15
Finest Mixed 1/8 oz., 35c	.10

Hardy Perennial Aster

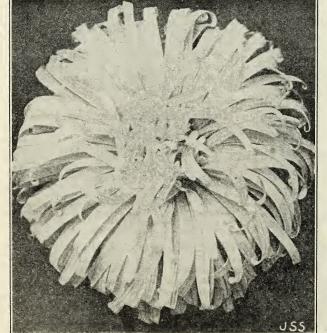


"King" Asters

Johnson's "Peerless Pink" Aster

Royal Asters

A new class of American Aster. Its habit of growth is entirely distinct, the stems growing directly from the ground and not on side-sheets from the main stem like other varieties. A medium early bloomer. We offer the following colors: White, Shell Pink, Rose Pink, Lavender, Purple.



Crego's Giant Comet Aster

Crego's Giant Comet Asters

We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers five inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type. We offer five colors, viz.

11			Pkt.
White. Pure white	. ¼ oz.,	75c	\$0.15
Pink. Delicate shell-pink	. ¼ oz.,	75c	.15
Purple. Bright purple	.¼ oz.,	75c	.15
Rose. Rich deep rose	. ¼ oz.,	75c	.15
Lavender. Deep lavender	. ¼ oz.,	75c	.15
Collection of a packet each colors, 60c.	of th	e 5	

Crego's Mixed. All colors, 15c per pkt; 60c per ¼ oz.

American Beauty Asters

A recently developed late flowering strain coming into bloom in late September, and being at their best through October, the plants grow nearly 3 feet high, and bear their very large, densely double flowers on long, strong stems. We offer four beautiful colors.

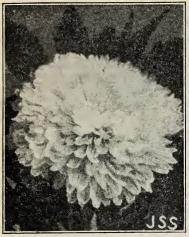
Carmine Rose. Bright cerise-rose.

Lavender Beauty. Soft lavender.

Purple Beauty. Rich, deep purple.

September Beauty. Delicate shell-pink.

Price: 20c per pkt.; a pkt. each of the 4 colors, 65c.



Semple's Branching

New California Giant Branching

A splendid new midseason to late flowering strain, the result of years of painstaking selection by one of California's leading hybridizers; plants grow 3 to 3½ feet high with long, strong stems 18 to 24 inches in length bearing beautifully formed curled and interlaced flowers 5 inches and over across. (See page 32 for prices.)

Semple's Branching Asters

These are especially valuable for cut flowers, because of their handsome flowers and long stems. They bloom two to three weeks later than most sorts. We offer them in eight separate colors, Pure White, Crimson, Lavender, Peach Blossom, Shell Pink, Bright Pink, Rose, and Dark Purple.

 Price, Separate Colors
 ½ oz., 35c \$0.10

 Choicest Mixed
 ½ oz., 30c; ¼ oz., 50c
 10

Lavender Gem Aster

One of the most beautiful Asters. It is of true Comet type, with large, artistic, loosely-arranged flowers on long, wiry stems and of the most charming shade of lavender imaginable. Begins blooming in July, continuing through August; a lovely variety for cutting. Pkt., 15e; 2 pkts., 25c.

New Red Aster "Sensation"

This is the reddest of all Red Asters, the color being a rich garnet or ox-blood red, which glistens in the sunshine like a live coal. The plants are of free-branching habit, about 18 inches high; the very double flowers averaging 31/2 inches across are borne freely on stems a foot long from early in August till the close of September. The intense color shows up well when cut, and makes a very brilliant bit of color in a bed or border. 15c per pkt.; 2 pkts., 25c.

Queen of the Market Asters

This variety is about two weeks earlier than most other sorts. The flowers are quite large, very double, and are valuable for cut flower purposes. The following are the most distinct colors: Pure White, Blush Pink, Bright Pink, Rose, Dark Blue, Lavender, Light Blue and Crimson.

Price, any color...... % oz., 35c \$0.10 Mixed Colors 1/8 oz., 30c; 1/4 oz., 50c

Imperial or Mikado Asters

Similar to the Crego's Giant but dwarfer in growth, and comes into bloom fully two weeks earlier. Height about 18 inches, of branching habit, and the flowers, borne on long strong stems, are of colossal size, 5 to 6 inches across being the rule.

Mikado Pink or Rochester.

Mikado White. Of purest glistening white...

Mikado Mixed Pkt. \$0.15

Astermum Asters

A strain of Comet Asters which, on account of their size and Chrysanthemum-like appearance, have appropriately been named Astermums. The plants grow about 2 feet high, and come into bloom a little earlier than the Crego's Giant. We offer three fine colors, as under:

Lavender. A rich shade of lavender or light .15 violet .15

China Asters

.10

Ostrich Plume Asters

The finest type of the Giant Comet or Ostrich Feather type of Aster. Much larger than the Giant Comet, the petals longer, more twisted, and produced in greater abundance. Borne on long stems, they make cut flowers par excellence. We offer the following colors: White, Delicate Pink, Dark Blue, Light Blue, Crimson.

Pkt.
 Separate Colors
 ½ 0z., 40c \$0.10

 Finest Mixed
 ½ 0z., 35c .10

Balloon Vine (Love in a Puff). H. H. A. Climber; rapid grower; flowers white; seed-pods shaped like miniature balloons. Seed should be sown in March and planted in the open, latter part of May or June in sunny location. White. 7 feet....

.....¼ oz., 20c BABY'S BREATH. (See Gypsophila.)

Balsam (Lady Slipper). H. H. A. Plants of pyramidal growth bearing rose-like flowers which cover the whole plant; profusely all Summer. In soil well fertilized excellent results will be obtained. 2 feet.

.10 .10

Beans H. A. Climber Flowers from July to September. Very ornamental, thriving in any ordinary soil. Scarlet Runner. 8 feet..... White Runner. 8 feet.....

Butterfly Runner. Large, pink and white blossoms.....

Balsam (Lady Slipper)





Calendula-New Forcing Orange King

Begonia	(Ever-Bl	ooming	Beddin	g Varie	eties).
Degoma	They ar	e of st	urdy gro	wth, gro	wing
about 1 fo	oot high a	ind form:	ing dense	bushes,	which
from May	until fr	ost, are	complete	ly hidden	with
flowers.	As pot-p	lants for	winter	flowering	they
are super	b, remain	ning a sh	neet of b	loom thre	ough-
out the	entire ye	ar. The	seed be	ing very	fine,
should be	sown on	top of h	ox, press	sed in soi	l, not
covered.					
Gracillis ros	sea. Brig	ht rose c	olor. Pk	t., 25c.	

Prima Donna. Flowers of a light rose, shading deeper toward center. Pkt. 25c.

Pink Beauty. Delicate pink with dark foliage. Pkt., 25c.

Luminosa. Large, bright, deep scarlet flowers; satiny brownish red foliage. Pkt., 25c.

Alba. Pure white. Pkt., 25c.

Semperflorens Vernon. Scarlet flowers. Pkt., 25c.

Erfordii grandiflora superba. Plants compact and bushy, have glossy foliage and are literally covered with most delicate pink flowers. Pkt., 50c. Erfordii rubra. New. Deep red. Pkt., 50c.

Begonia Tuberous-Rooted Varieties Single Tuberous-Rooted Mixed. Saved from finest exhibition varieties, all having large, well formed flowers of many brilliant shades \$0.35 d. Produced Double Tuberous-Rooted Mixed. strong erect stems, an abundance of very brilliant double flowers, ranging from bril-.50

Bellis Perennis (Double Daisy). H. P. are favorite perennials: seed should be sown from June 1st till September, transplanted in the fall and protected during the winter, and they will flower the following spring. If sown in the spring they will flower in the autumn 4 inches. .15 .15 .25 .15

Bocconia

Cordata (Plume Poppy). 5 ft. A handsome border plant, having large lobed heart-shaped leaves with silvery under surface and flower plumes of a pretty cream color... ¼ oz., 30c

Monstrosa. Finest mixed.....

Boltonia (Falso Chamomile). H. P. This Aster-like hardy plant is useful for cutting, remaining in bloom a long time. Latisquama. Delicate pink......... % oz., 75c

Brachycome (Swan River Daisy). A. Free-flowering, dwarf-growing annuals with pretty blue or white flowers	P
Browallia H. A. Excellent free-flower- ing, Verbena-like flowers. Flowering all Summer in the open, also excellent house plants for winter use. 18 in.	
Elata Finest Mixed	
Speciosa Major, Extra large; deep blue	
Calceolaria Flowers borne in clusters of pocket-like lobes of various self colors and handsome spotted varieties. Especially adapted for house and greenhouse culture, making excellent exhibition plants.	
Johnson's Prize Mixed. 1½ ft. The gorgeous beauty of these flowers renders them indispensable for greenhouse decoration. Is a very desirable flower. Bears a large profusion of small, pocket-shaped flowers, which are beautifully tigered or spotted, 300 seeds	
Rugosa Aurea, Rain of Gold. Golden	
shades for bedding	
Rugosa, Mixed. Includes nearly all the beautiful shades for bedding	

kt.

10

10 15

50 25

25

.25

.10

.10

.10

Calendula (Pot Marigold). H. A. Large mer, closing somewhat at night and opening slightly on cloudy days; flowers borne on long, stiff stems. 2 ft.

Meteor. Large double yellow, each petal striped with orangeOz., 40c

Prince of Orange. Like Meteor, but darker.Oz., 45c Orange King. Very large, double, dark orange

.....Oz., 50c Very large and extremely

Ball's Forcing. This new Orange Calendula represents a very great improvement in size, length of stem and fullness of flowers. It has exhibited these superior characteristics uniformly for the past 4 years.... 1/2 oz., 85c;

Calliopsis One of the most effective of our open garden and excellent for cutting; flowers borne on individual stems 18 inches in length. 2 ft.

Crimson King. A fine dwarf sort, 9 inches high, color rich velvety crimson-garnet... 1/4 oz., 50c

CALIFORNIA POPPY. See Eschscholtzia.

Canary Bird Vine A. Grows 15 to 20 ft. beautiful cut leaves and pretty, delicate flowers of a clear canary-yellow. From the color of its blossoms and also from a fancied resemblance of their shape to a bird with wings expanded the plant obtained its common name. Does well in the shade.... 40 cz., 40c

Cardinal Climber Beautiful and distinct annual climber. It is a strong and rapid grower, attaining height of thirty feet or more, with a beautiful, deeply laciniated foliage, and literally covered with a blaze of circular fiery cardinal red flowers from mid-July till frost. The flowers are about 1½ inches in diameter, and are borne in clusters of 5 to 7 blooms each... ¼ oz., \$1.00

.15



Canterbury Bells

Campai	nula (Bellflov aining	ver). A beauti	family	con-
plants,	several	varieti	es beaut biennials	iful as	pot-

Calycanthema (Cup and Saucer). H. B. Delightful in form and colors, and elegant sub-	PKI.
jects for the garden or for pot culture. 2 to 2½ feet. We offer Pink, Blue, White or Mixed	\$0.10
Medium (Canterbury Bell). H. B. Large bell- shaped flowers in many shades. Elegant border or pot-plants. We offer Single White, Dark Blue, Light Blue and Rose in separate	
colors or Mixed	.10
cup-shaped flowers, suitable for borders, edging, etc. Blue or White 1/4 oz., 75c	.10

Candytuft H. A. Admirably adapted for borders. They come into flower early and bloom profusely for a long period. Very popular also for cutting. Our strains of Candytuft are the best obtainable.

		,	
Empress. Pure white, spler flowers			Pkt.
Crimson. Rich deep shade. 1/4	oz.,	40c	.10
Purple. 1 foot			.10
Carnea. Flesh colored, 1 ft.	0Z.,	40c	.10
mixed Colors. A splendid m	ixtui	re	.10
	02.,	29C	.10

Candytuft

H. P. Plants very compact, blooming early in the spring; excellent for bordering perennial gardens.

PERENNIAL VARIETIES

of trailing habit, covered with white flowers in spring	
	.10
Gibraltarica Hybrids, A dwarf, com-	

Canna Dwarf French Mixed. Dark leaved sorts......Oz., 35c (For Roots, see page 70)

.10

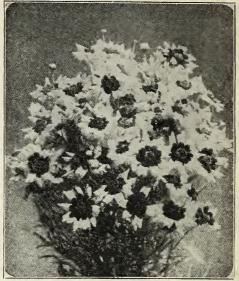
Carnations These are general favorities for their richness of color and de-	
their richness of color and de-	
lightful fragrance; they are desirable for	
greenhouse culture in winter as well as for	
the garden in summer.	
C1-1 11 72 11 1 77 1	Pkt.
Chabaud's Everblooming, Mixed. Blooms in	
five months after being sown, and continues	
to flower in the greatest profusion indefi-	
nitely	\$0.25
Choice Mixed. Double border varieties	
	.15
MARGUERITE CARNATIONS	
These are the most satisfactory of the annual pinks, and will bloom in four months	
after sowing the seed. The flowers are large,	
fragrant and are produced continuously. If	
slightly protected they will survive an or-	
dinary winter and bloom the following	
spring.	
White	.10
Yellow 1/8 oz., 40c	.10
Pink	.10
Scarlet	.10
Choice MixedOz., \$1.50; ½ oz., 25c	.10
Celosia Plumosa (Feathered Cockscomb), Make fine plants	
Celosia Flumosa comb). Make fine plants	
for large beds or groups, and the plumes or	
flowers can be cut and dried for winter bou-	
quets. Should be treated exactly the same	
as cockscombs.	

Cerastium (Snow - in - Summer). Tomentosum. H. P. A very pretty dwarf, white -leaved edging plant, bearing small white flowers; hardy perennial......



Carnations

Celosia Cristata (Cockscomb), Free-flowering annuals, grow-flowering annuals, grow-flowering annuals for pots. Seed can be sown under cover in early spring and planted out in May, or sown out of doors in May.		
sown out of doors in May.	D1-+	
Empress. Rich crimson; combs of colossal pro-	Pkt.	
portions	0.10	
Glasgow Prize. Immense, showy dark crimson combs	.10	
Queen of the Dwarfs. This we consider the fin-		
est of dwarf-growing Cockscombs. The		
plants grow only 8 inches high, beautiful	10	the second second
dark rosecombs	.10	
Dwarf, Mixed. Fine dwarf varieties 1/4 oz. 50c	.10	
Centaurea (Bachelor's Button, Cornflower, Rive Rottle or Ragged Sailor).		
One of the most popular of our garden annuals, blooming continually all summer. Seed may be sown either in spring or autumn. Thrives well in poor soil; for best results plants should be thinned to 8 in.		
nuals, blooming continually all summer.		
Seed may be sown either in spring or autumn.		
plants should be thinned to 8 in		THE RESERVE AND ADDRESS OF THE PERSON OF THE
plants should be thinked to 6 in.		
ANNUAL VARIETIES		
Candidissima. (Dusty Miller). H. H. P. Sil-		
Candidissima. (Dusty Miller). H. H. P. Silvery foliage being heavily clothed with a white downy covering. Used extensively for bordering and baskets. 1 ft 1/2 oz., \$1.00		
white downy covering. Used extensively for		
bordering and baskets. 1 ft % oz., \$1.00	.15	
Gymnocarpa (Dusty Miller). H. H. P. Fern- like foliage with silvery covering, choice.		
1 ft	.10	
		Calliopsis, Golden Wave (See Page
CYANUS—Single. Bachelor's Button. Single. Finest Mixed. 2 ft½ oz., 35c	.10	
		Chrysanthemum
Deep Blue (Emperor William). 2 ft	.10	Single Mixed. Annual. Large range
Rose. Bright rose. 2 ft	.10	Single Mixed. Annual. Darge range
CYANUS fl. pl. Double. Bachelor's Button.		Double Mixed Coronarium. Annual
True Deep Blue	.10	Hardy Pompon. A fine strain of the
White	.10	ioned hardy fall-flowering sorts, wit
Rose Pink	.10	button-like blossoms. Mixed colors.
Double Finest Mixed	.10	Claulaia H. A. Flowers are borne a
		Clarkia H. A. Flowers are borne a woody stem. Plants attain
IMPERIALIS (Royal Sweet Sultan). H. A.		of 15 inches; of branching habit and
Flowers very fragrant, of immense size and great variety of colors.		cultivation.
Finest Mixed. 2 ft	.10	Elegans. Double. Finest Mixed
White. 2 ft	.10	Brilliant. Carmine
Lilac. 2 ft	.10	Salmon Queen. Salmon pink
Brilliant Rose (Favorita). 2 ft 1/4 oz., 40c	.10	Scarlet. Orange scarlet
Dark Pink. 2 ft	.10	
Purple (Graziosa). 2 ft	.10	Cleome (Spider Plant). Biennial us
		Flowers are a delicate rose color. See
	.40	
Collection of 5 Colors	.40	
	.40	be sown in March indoors.
Collection of 5 Colors PERENNIAL CENTAUREAS	.40	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in he
Collection of 5 Colors PERENNIAL CENTAUREAS Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in	.40	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in h
Collection of 5 Colors	.40	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in he
PERENNIAL CENTAUREAS Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August. Dealbata. Reddish flowers in July; 8 to 24		be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in h. CLOVE PINKS. See Dianthus.
Collection of 5 Colors	.15	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in h. CLOVE PINKS. See Dianthus.
Collection of 5 Colors	.15 .15	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in he colors. CLOVE PINKS. See Dianthus. Cobæa H. A. One of the best annu ers, attaining a height of Flowers bell-shaped, about 3 inches in
PERENNIAL CENTAUREAS Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August. Dealbata. Reddish flowers in July; 8 to 24 inches. White foliage. Seeds Macrocephala. Golden yellow. Seeds Montana Blue. 2 ft. Beautiful blue. Seeds	.15 .15 .15	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in h. CLOVE PINKS. See Dianthus.
PERENNIAL CENTAUREAS Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August. Dealbata. Reddish flowers in July; 8 to 24 inches. White foliage. Seeds	.15 .15	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in he colors. CLOVE PINKS. See Dianthus. Cobæa H. A. One of the best annuers, attaining a height of Flowers bell-shaped, about 3 inches iter. Fine for piazza trellises and windoors throughout the winter.
PERENNIAL CENTAUREAS Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August. Dealbata. Reddish flowers in July; 8 to 24 inches. White foliage. Seeds	.15 .15 .15	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in he colors. CLOVE PINKS. See Dianthus. Cobæa H. A. One of the best annuers, attaining a height of Flowers bell-shaped, about 3 inches iter. Fine for piazza trellises and w
PERENNIAL CENTAUREAS Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August. Dealbata. Reddish flowers in July; 8 to 24 inches. White foliage. Seeds	.15 .15 .15	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in he colors, often 4 to 5 ft. in he colors. CLOVE PINKS. See Dianthus. Cobæa H. A. One of the best annuers, attaining a height of Flowers bell-shaped, about 3 inches iter. Fine for plazza trellises and windoors throughout the winter. Scandens. Rich purple
PERENNIAL CENTAUREAS Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August. Dealbata. Reddish flowers in July; 8 to 24 inches. White foliage. Seeds	.15 .15 .15	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in he colors, often 4 to 5 ft. in he colors, often 4 to 5 ft. in he colors of the best annually of the colors and the colors and the colors and the colors throughout the winter. Scandens. Rich purple
PERENNIAL CENTAUREAS Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August. Dealbata. Reddish flowers in July; 8 to 24 inches. White foliage. Seeds	.15 .15 .15 .15	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in head of the colors, often 4 to 5 ft. in head of the colors. CLOVE PINKS. See Dianthus. Cobæa H. A. One of the best annuers, attaining a height of Flowers bell-shaped, about 3 inches it ter. Fine for piazza trellises and windoors throughout the winter. Scandens. Rich purple
PERENNIAL CENTAUREAS Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August. Dealbata. Reddish flowers in July; 8 to 24 inches. White foliage. Seeds Macrocephala. Golden yellow. Seeds Montana Blue. 2 ft. Beautiful blue. Seeds	.15 .15 .15	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in he colors, often 4 to 5 ft. in he colors, often 4 to 5 ft. in he colors bell-shaped, about 3 inches iter. Fine for piazza trellises and vindoors throughout the winter. Scandens. Rich purple
PERENNIAL CENTAUREAS Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August. Dealbata. Reddish flowers in July; 8 to 24 inches. White foliage. Seeds	.15 .15 .15 .15	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in he was a second of the best annually. CLOVE PINKS. See Dianthus. Cobæa H. A. One of the best annually ers, attaining a height of Flowers bell-shaped, about 3 inches it for piazza trellises and windoors throughout the winter. Scandens. Rich purple
PERENNIAL CENTAUREAS Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August. Dealbata. Reddish flowers in July; 8 to 24 inches. White foliage. Seeds	.15 .15 .15 .15	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in he colors, often 4 to 5 ft. in he colors, often 4 to 5 ft. in he colors bell-shaped, about 3 inches iter. Fine for piazza trellises and vindoors throughout the winter. Scandens. Rich purple
PERENNIAL CENTAUREAS Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August. Dealbata. Reddish flowers in July; 8 to 24 inches. White foliage. Seeds	.15 .15 .15 .15	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in head of the colors, often 4 to 5 ft. in head of the colors of the set annual ers, attaining a height of Flowers bell-shaped, about 3 inches it ter. Fine for piazza trellises and windoors throughout the winter. Scandens. Rich purple
PERENNIAL CENTAUREAS Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August. Dealbata. Reddish flowers in July; 8 to 24 inches. White foliage. Seeds	.15 .15 .15 .15	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in head of the colors, often 4 to 5 ft. in head of the colors, often 4 to 5 ft. in head of the colors of the best annually of the colors of the best annually of the colors
PERENNIAL CENTAUREAS Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August. Dealbata. Reddish flowers in July; 8 to 24 inches. White foliage. Seeds Macrocephala. Golden yellow. Seeds Montana Blue. 2 ft. Beautiful blue. Seeds Montana Alba, White. Seeds Cheiranthus Allionii (Siberian Wallflower). A very pretty biennial growing about 12 inches high with heads of brilliant orange flowers from May to midsummer. Very effective in the rockery. Usually blooms the first year from seed	.15 .15 .15 .15	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in he was a second of the desired of the best annual ers, attaining a height of Flowers bell-shaped, about 3 inches it ter. Fine for piazza trellises and windoors throughout the winter. Scandens. Rich purple
PERENNIAL CENTAUREAS Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August. Dealbata. Reddish flowers in July; 8 to 24 inches. White foliage. Seeds. Macrocephala. Golden yellow. Seeds. Montana Blue. 2 ft. Beautiful blue. Seeds. Montana Alba, White. Seeds. Cheiranthus Allionii (Siberian Wallflower). A very pretty biennial growing about 12 inches high with heads of brilliant orange flowers from May to midsummer. Very effective in the rockery. Usually blooms the first year from seed. Cineraria Hybrida G. A. Among the most useful and ornamental of plants that can be grown for hothouse or conservatory decoration. Sow seed from July to September. Young plants require cool location and abundance of water, especially when in bloom.	.15 .15 .15 .15	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in head of the colors, often 4 to 5 ft. in head of the colors, often 4 to 5 ft. in head of the colors of the best annually of the colors of the best annually of the colors
PERENNIAL CENTAUREAS Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August. Dealbata. Reddish flowers in July; 8 to 24 inches. White foliage. Seeds	.15 .15 .15 .15	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in he colors, often 6 ft. in
PERENNIAL CENTAUREAS Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August. Dealbata. Reddish flowers in July; 8 to 24 inches. White foliage. Seeds	.15 .15 .15 .15	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in head of the colors, often 4 to 5 ft. in head of the colors, often 4 to 5 ft. in head of the colors of the best annual ers, attaining a height of Flowers bell-shaped, about 3 inches it ter. Fine for piazza trellises and windoors throughout the winter. Scandens. Rich purple
PERENNIAL CENTAUREAS Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August. Dealbata. Reddish flowers in July; 8 to 24 inches. White foliage. Seeds. Macrocephala. Golden yellow. Seeds. Montana Blue. 2 ft. Beautiful blue. Seeds. Montana Alba, White. Seeds. Cheiranthus Allionii (Siberian Wallflower). A very pretty biennial growing about 12 inches high with heads of brilliant orange flowers from May to midsummer. Very effective in the rockery. Usually blooms the first year from seed. Cineraria Hybrida G. A. Among the most useful and ornamental of plants that can be grown for hothouse or conservatory decoration. Sow seed from July to September. Young plants require cool location and abundance of water, especially when in bloom. Kelway's Model. Large-flowering prize strain. Unsurpassed for color and form. 1½ ft Hybrida Grandiflora. Seed saved only from the choicest specimens.	.15 .15 .15 .15	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in head of the colors, often 4 to 5 ft. in head of the colors, often 4 to 5 ft. in head of the colors of the best annual ers, attaining a height of Flowers bell-shaped, about 3 inches it ter. Fine for piazza trellises and windoors throughout the winter. Scandens. Rich purple
PERENNIAL CENTAUREAS Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August. Dealbata. Reddish flowers in July; 8 to 24 inches. White foliage. Seeds. Macrocephala. Golden yellow. Seeds. Montana Blue. 2 ft. Beautiful blue. Seeds. Montana Alba, White. Seeds. Cheiranthus Allionii (Siberian Wallflower). A very pretty biennial growing about 12 inches high with heads of brilliant orange flowers from May to midsummer. Very effective in the rockery. Usually blooms the first year from seed. Cineraria Hybrida G. A. Among the most useful and ornamental of plants that can be grown for hothouse or conservatory decoration. Sow seed from July to September. Young plants require cool location and abundance of water, especially when in bloom. Kelway's Model. Large-flowering prize strain. Unsurpassed for color and form. 1½ ft Hybrida Grandiflora. Seed saved only from the choicest specimens. Half Dwarf Prize Mixed. Dwarf foliage; large	.15 .15 .15 .15	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in he was a second of the colors. CLOVE PINKS. See Dianthus. Chowa H. A. One of the best annuers, attaining a height of Flowers bell-shaped, about 3 inches it ter. Fine for piazza trellises and windoors throughout the winter. Scandens. Rich purple
PERENNIAL CENTAUREAS Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August. Dealbata. Reddish flowers in July; 8 to 24 inches. White foliage. Seeds. Macrocephala. Golden yellow. Seeds. Montana Blue. 2 ft. Beautiful blue. Seeds Montana Alba, White. Seeds. Cheiranthus Allionii (Siberian Wallflower). A very pretty biennial growing about 12 inches high with heads of brilliant orange flowers from May to midsummer. Very effective in the rockery. Usually blooms the first year from seed. Cineraria Hybrida G. A. Among the most useful and ornamental of plants that can be grown for hothouse or conservatory decoration. Sow seed from July to September. Young plants require cool location and abundance of water, especially when in bloom. Kelway's Model. Large-flowering prize strain. Unsurpassed for color and form. 1½ ft Hybrida Grandiflora. Seed saved only from the choicest specimens. Half Dwarf Prize Mixed. Dwarf foliage; large flowers	.15 .15 .15 .15	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in he colors, often 4 to 5 ft. in he colors, often 4 to 5 ft. in he colors. Cobæa H. A. One of the best annu ers, attaining a height of Flowers bell-shaped, about 3 inches it ter. Fine for piazza trellises and windoors throughout the winter. Scandens. Rich purple. Scandens. Rich purple. Scandens Alba. White. 14 COCKSCOMB. See Celosia. Coleus (Annual). Choice Hybrids. Of garden culture. Easily raised. Sow in March or April. Convolvulus Tall Varieties. One most popular annual climbers, growing 15 feet in height and thriving in all situation. Mixed. The ordinary variety. Double Flowering. Mixed colors. Imperial Japanese or Emperor Glories are offered on page 54.
PERENNIAL CENTAUREAS Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August. Dealbata. Reddish flowers in July; 8 to 24 inches. White foliage. Seeds. Macrocephala. Golden yellow. Seeds. Montana Blue. 2 ft. Beautiful blue. Seeds. Montana Alba, White. Seeds. Cheiranthus Allionii (Siberian Wallflower). A very pretty biennial growing about 12 inches high with heads of brilliant orange flowers from May to midsummer. Very effective in the rockery. Usually blooms the first year from seed. Cineraria Hybrida G. A. Among the most useful and ornamental of plants that can be grown for hothouse or conservatory decoration. Sow seed from July to September. Young plants require cool location and abundance of water, especially when in bloom. Kelway's Model. Large-flowering prize strain. Unsurpassed for color and form. 1½ ft Hybrida Grandiflora. Seed saved only from the choicest specimens. Half Dwarf Prize Mixed. Dwarf foliage; large	.15 .15 .15 .15	be sown in March indoors. Gigantea Hybrida. Giant Hybrids in a ment of colors, often 4 to 5 ft. in head of the colors, often 4 to 5 ft. in head of the colors, often 4 to 5 ft. in head of the colors of the best annual ers, attaining a height of Flowers bell-shaped, about 3 inches it ter. Fine for piazza trellises and windoors throughout the winter. Scandens. Rich purple



ge 48)

Pkt.

Single Mixed. Annual. Large range of colors	-
Double Mixed Coronarium. AnnualOz., 65c	
Hardy Pompon. A fine strain of the old-fash-	.10
ioned hardy fall-flowering sorts, with double	
button-like blossoms. Mixed colors	.25
Clarkia H. A. Flowers are borne along the woody stem. Plants attain a height of 15 inches; of branching habit and easy of	
cultivation.	10
Elegans. Double. Finest Mixed4 oz., 35c	.10
	.10
Brilliant. Carmine	.10
Scarlet. Orange scarlet	.10
	.10
Cleome (Spider Plant). Biennial used as an annual, flowering the first season.	
Flowers are a delicate rose color. Seed should	
be sown in March indoors.	
Gigantea Hybrida. Giant Hybrids in an assort-	
ment of colors, often 4 to 5 ft. in height	10
CLOVE PINKS. See Dianthus.	.10
CLOVE PINKS. See Dianthus.	
Cobæa H. A. One of the best annual climbers, attaining a height of 15 feet	
Flowers bell-shaped, about 3 inches in diame-	
ter. Fine for piazza trellises and will grow	
indoors throughout the winter.	
Scandens. Rich purple	.10
Scaudens Alba. White	.10
COCKSCOMB. See Celosia.	
Colous (Annual). Choice Hybrids. Our strain	
tractive and novel foliage plants for house or	
garden culture. Easily raised. Sow indoors	
in March or April	.25
Convolvulus (Morning Glory). Major or Tall Varieties. One of the	
15 feet in height and thriving in almost any situation.	
Mixed. The ordinary varietyOz., 20c	.10
Double Flowering. Mixed colorsOz., 60c	.10
Imperial Japanese or Emperor Morning	.10
Glories are offered on page 54.	
Coreopsis Lanceolata Grandistora. This is one of the finest of hardy plants, with	
large, showy bright vellow flowers, produced	
in the greatest abundance from June till	.10
frost. Onsurpassed for cutting 4 02., 250	.10

COSMOS

Extra Early Colossal or Midsummer Giant Cosmos

			PKt.
Early	Crimson. Very rich	30 c	\$0.10
	Pink. A pretty shade		
Early	Pure White	30c	.10
	A pkt. each of the 3 colors for 25c.		
Early	Mixed. All colors 1/4 oz., 25c; oz.,	75c	.10

Early Double Cosmos

This new type is sure to be appreciated, having all the good qualities of the late blooming sort, but flowering in July and August.

Carnelia. Rich rosy crimson	.25
Whirlwind. Pure white,	.25
A packet each of the 3 colors, 60c.	2.0

Late Double Cosmos

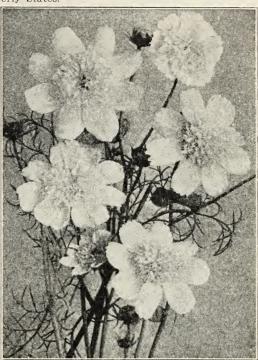
A recent introduction and becoming more popular each season. The flowers are very artistic and stand for a long time when cut.

		I Kt.
(Crimson King. Deep rose crimson	0.20
Į	Pink Beauty. Soft rosy-pink	20
1	White Queen. Pure white	.20
	A packet each of the 3 late doubles for 50c.	
1	Late Double Mixed. All colors 2 pkts., 25c	.15
3	Yellow Cosmos "Klondyke." Golden, yellow flow-	
	ers borne on long stems, and measure from 21/2	
	to 31/2 inches across. To get this variety in	
	bloom before frost in the States north of Vir-	
	ginia it should be grown in pots or boxes, so	
	that the roots are confined, thus throwing it into	
	flower	.15

Autumn Giant, Cosmos

This popular autumn flower bears gigantic flowers, with wide, overlapping petals, making perfectly circular flowers, which are borne on long stems. This type produces the largest and finest blooms in September and October.

Cultural Directions Sow in the open ground about May 1st. Extra early sorts will bloom the latter part of July, two months before the late-flowering kinds. By careful selection the early varieties will have flowers as large as the late-flowering kinds, and will undoubtedly perfect their blooms in the most northerly States.



New Double Cosmos

			FRU.
Giant Pink. A beautiful deep rosy-pink			
Giant White. The white-flowered form of the above			
Giant Crimson. Rich crimson	0Z.,	25c	.10
A packet each of the 3 colors, 25c.			

Prepare Seed Beds Carefully

This is especially true when sowing extremely small seeds. We suggest the use of "SOWRITE" seeder. It sells for only \$1.00 and will save its cost many times in sowing

the proper quan-

tity of seed to a given space. As a

general rule seed

is sown too thickly.





Cyclamen (Alpine Violet). Charming house plants, with beautiful foliage and rich colored fragrant flowers; universal favorites for winter and spring blooming. May be successfully raised from seed with a little care and patience. 1 ft.

Giant Flowered Cyclamen. Mixed, extra choice. 10 seeds, 30c; 20 seeds, 50c; 100 seeds, \$2.00.

Cypress Vine A popular climber noted for dainty fern-like foliage and star-shaped flowers.

Finest Mixed (white and scarlet) ... 1/4 oz., 25c \$0.10 A half hardy perennial, flowering Dahlia the first year, blooming as early and as freely as if grown from tubers. Collarette. Finest mixed..... 15 Double Cactus. Finest mixed. Very desirable. Finest Double Mixed. From choicest flowers½ oz., 50c Finest Single Mixed. Best varieties only....

Daisy, Shasta (See also Bellis Perennis.)
One of Burbank's productions which has become very popular. Many types are found in our stock, all very desir5

5

n

Pkt.

.10 .10 .10

.10 .10

.10 .15

Delphinium HP

These are hardy Larkspurs of the old-fashioned garden, much improved by the addition of many new colors and forms. Magnificent blues predominate although other attractive shades are not wanting. The plants are tall and stately, blooming from late June until October. July and August are good months for outdoor sowing, although many varieties will bloom the first season from seed sown in early spring. A fairly rich soil and sunny situations suit them best.

P	kt
GOLD MEDAL. Hybrids. (Perennial Lark-	
spur.) This is a mixture of twelve of Black-	
more & Langdon's finest varieties grown sep-	
arately and seed mixed after harvest. The	
plants are of strong, vigorous habit, with	
plants are of strong, vigorous habit, with immense spikes from 2 to 3 ft. long. ¼ oz., 60c \$6).1
Belladonna (Everlasting Hardy Larkspur). This	
is the freest and most continous blooming	
Hardy Larkspur from June until frost. Clear	
turquoise blue unequalled for the hardy	
border	.2
Bellamosum. This is a rich, deep blue form of	
the popular light blue Belladonna, having the	
same free-blooming and other good qualities.	.2
½ oz., \$1.50	. 4
Chinese (Blue Butterfly). A distinct and neat	
variety, growing about 18 inches high, with	
fine feathery foliage, and producing spikes	
of large blossoms of intense gentian blue.	-
¼ oz., 40c	.1
Album. The white-flowered form of the pre-	
ceding	.1
Double Hybrids. Finest double mixed in great	
variety of charming colors 4 oz., 75c	.1
, , , , , , , , , , , , , , , , , , , ,	

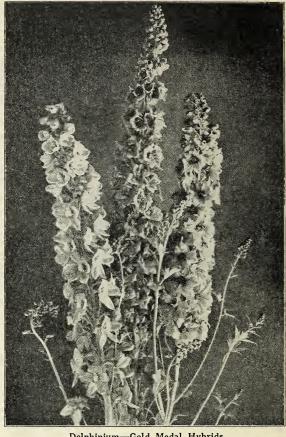
Dianthus (Divine Flower). DOUBLE ANNUAL PINKS

China or Indian Pinks (Dianthus chinensis). Flowering from early summer to fall; strong, sturdy growers, suitable for beds and borders.	1 111
Flowers very double and in unlimited variety of colors on long, stiff stems. Finest mixed.	\$0.1
Japanese Pinks (D. Heddewigii and varieties). A beautiful class of sturdy growing plants, 10 to 12 inches high and of the same width;	
handsomely marbled and mottled flowers in all imaginable colors; 2 inches and over in diameter. Finest mixed	.1
Diadem Pinks. Very large, showy flowers, beautifully marked and flaked. Splendid mixed	.1
Royal Pink. A beautiful class for cutting; flowers large and exceedingly fragrant, very double and on long stems; colors range from white to rose, and scarlet to blood red	
Double Fireball. Brilliant scarlet; very compact and floriferous vines; for massing	.10
SINGLE ANNUAL PINKS	.1

SINGLE ANNUAL FINIS
Crimson Belle. Large, handsome, dark red flowers
Eastern Qunee. Flowers marbled rose and white
Single Royal Pink. Large flowers; petals fringed and crimped. Blood red to white in color. Finest mixed
"Salmon Queen." The well formed, nicely fringed flowers are a brilliant salmon color changing into a salmon rose when fading
Vesuvius. Brilliant geranium red; makes a very effective bed or border ¼ oz., 50c
Single Pinks, Mixed
HARDY GARDEN PINKS
Very desirable for beds, borders, cemetery planting, etc. The flowers are highly prized for their spicy, refreshing odor.

					cemetery
planting,	etc. Th	ne flow	ers are	high	ly prized
for their	spicy,	refreshi	ing odo	r.	-Ohmora I
Plumarius	Cyclops	(Clove	Pink).	An	exquisite

.15 .20



Delphinium—Gold Medal Hybrids	
Dictamnus (Dittany, or Gas Plant), H. P. Flowers formed on long spikes; the leaves are thick and if rubbed emit a pleasing fragrance.	Pkt.
Fraxinella. 3 feet. An old and beautiful plant with ash-like foliage and large spikes of deep pink, purple veined flowers, excellent for cutting. 3 feet	\$0.15
Digitalis (Foxglove). One of the finest of perennials, bearing long spikes of Gloxinia-like flowers of tubular shape. Plants will grow in partial shade and in almost any good garden soil; attains a height of 4 feet.	
Gloxinioides, Purple	.10
Gloxinioides, Rose. Bright, showy flowers borne profusely on fine spikes	.10
Gloxiniaeflora, White. Pure white flowers with dark green foliage make a fine show	.10
Canariensis. A novel color, orange-brown. Of easy culture. Give slight shade and good soil	.15
Choicest Mixed. Gloxinia-like flowers. 4 oz., 35c	.10
Dimorphotheca (African Golden Daisy).	
Aurantiaca, Glossy orange gold ¼ oz., 50c	.10

Dracaena (Dragon Plant).

Indivisa. Beautiful ornamental-leaved plants; long, narrow, green foliage; indispensable for vases and house decorations... 4 oz., 35c

.10

.15

.10

.15

.10

.50

.10

.10



Gaillardia

Eschscholtzia (California Poppy.) One of the best annuals for bedding. having large, poppy-like flowers varying different shades of white and yellow. age is very finely cut and the plants bloom from early summer till frost,

	Pkt.
Californica. Yellow, orange center 1/4 oz., 50c	\$0.10
Carmine King. Deep carmine 1/4 oz., 50c	.10
Golden West (Maritima). Bright orange yel-	
low	.10
Single Flowered, Mixed. Extra fine 1/4 oz., 35c	.10
Double Flowered, Mixed. Very good semi-double	
flowers. Nice for bedding or for massing	
	.10
T . (Thoroughwort) Agarataides	

Eupatorium (Thoroughwort). Ageratoides, like flowers; does well in shade

Euphorbia Exceedingly ornamental foliage and inconspicuous flowers. Very sun, but will grow in rather poor soil. Variegata (Snow on the Mountain). H. A. Fine for bordering, with its clusters of white flow-

ers and foliage variegated green and white. Heterophylla (Mexican Fire Plant) .. 1/8 oz., 40c

Everlasting Flowers HELICHRYSUM-STRAW FLOWERS

.10

.15

.10

.10

.10

Flowers of eternal beauty, those that never fade. Unsurpassed for winter decoration, and when made into bouquets or arrayed in vases, they last for years. Should be cut and dried when in bud and blossom.

Acroclinum album fl. pl. Graceful; double, rose	
flowers; 1 foot	
Ammobium alatum grandiflorum. Clusters of	
pure white flowers. 2 feet	
Gomphrena globosa, mixed. Flesh. rose, purple	
and white. Known as Globe Amaranth. Very	
neat for pots. 1½ feet	

Helichrysum monstrosum. Double. Splendid mixed. About six colors. 1½ feet. ½ oz., 50c Rhodanthe Manglesi. Bright rose; charming and particularly neat in pots in the spring. Three plants should be potted together as foliage is small, 1 foot.....

Xeranthemum annum. Very nice for summer cutting or for winter bouquets. Double; white, rose and purple. Mixed.....

Fern Spores Fine mixed greenhouse varieties	\$0.25
Fuchsia Double and single varieties mixed.	.50
FEVERFEW. See Matricaria. Page 55.	
FORGET-ME-NOT. See Myosotis.	
FOUR O'CLOCK. See Marvel of Peru.	
FOXGLOVE. See Digitalis.	

Gaillardia (Blanket Flower). Very showy ders and bedding, splendid for cut flowers. Seed should be started early and will flower continually until frost.

ANNUAL VARIETIES

Pleta,	Single	Mixed.	Annual4	0Z.,	25c	.10
Picta,	Double	Mixed.	Annual¼	0Z.,	35c	.10

PERENNIAL VARIETIES

Grandinora nybrida. Finest Mixeu. Continual	
bloomer; very showy and one of the most	
brilliant garden flowers. Fine for perennial	
borders	.1
Amblyodon. Perennial. Rich blood red; very	
effective	.1

Kelway's Exhibition Hybrids. Entirely distinct. A grand new and improved strain. Flowers of enormous size. borne on stout stems. Choicest mixed...... 25c

eum

H. P. Large, showy flowers in colors of scarlet and yellow. Fine herbaceous plants for shrubbery border. Coccineum. Much improved large flowered va-

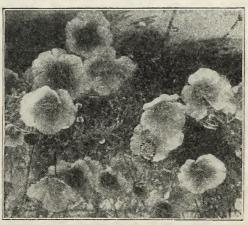
riety, bright scarlet flowers. 1 foot...... Mrs. Bradshaw. Very large double flowers of the brightest scarlet color. An excellent variety

Globe Amaranth (Gomphrena). H. A. Globe-shaped, everlasting flowers. When in full bloom should be cut and hung up to dry; will hold their color

Gloxinia Johnson's International Mixture.
Magnificent house blooming plants,
with handsome bell-shaped flowers in a diversity of the richest colors......

Succeeds best in poor soil. Very Godetia free blooming

We can also supply any of the following: Hercules Club, Dish Rag, Dipper, and Nest Egg. Oz., 30c all at.....



Eschscholtzia-California Poppies

Grasses	(Ornamen clumps or	tal). entire b	Specimen eds of ha	plants, rmonious
varieties	are especia	arry rince	nesung.	THEY ALE
served a lasting F	nd used in clowers for	combir	nation wi	th Ever-
tion, etc.				

Briza maxima. 11/2 feet. Quaking grass.....

ANNU	AL	VAR	IETIES
------	----	-----	--------

Coix Lachrymae (Job's Tears). Seeds are used	
as beads. 1½ feetOz. 30c	.10
Eragrostis elegans (Love Grass). Nice for sweet	
pea bunching. 1½ feet	.10
Pennisetum longistylum. Graceful, greenish- white plumes	.10
PERENNIAL VARIETIES	
Pennisetum Japonicum. One of the most valu-	
able for beds or specimens. Easily grown from seed, making nice plants the first year.	
4 feet	.10
Gynerium argenteum (Pampas Grass). Beauti-	
ful silvery plumes. 8 to 10 feet	.10
Stipa pennata (Feather Grass). Silvery white, feathery plumes. 2 feet	.10
Grevillea (Silk Oak).	
Robusta. Fern-like foliage. A fine decorative	
plant for house and greenhouse; it may be	
easily grown from seed. 4 feet 1/4 oz., 75c	.10
Gypsophila (Baby's Breath). Graceful plants, with tiny flowers pro-	
duced in abundance in loose panicles. Excel-	
lent for their delicate effect in bouquets.	
Paniculata fl. pl. An extremely vigorous race.	
producing about 50 per cent of perfectly dou-	
ble pure white flowers1-16 oz., \$1.00	.20



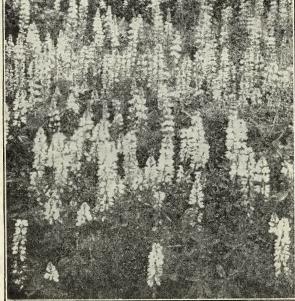
Heliotrope	(Cherry Pie). Delightfully fragrant. Fine for beds or pots.
Half Hardy	perennial

Muralis. 6 inches. A lovely little rock or edging plant with rose-pink flowers......

.10 .10

.10

.10



Lupines



The late of the second second	
	3.70
Ornamental Grasses	Pkt.
Heuchera (Alum Root or Coral Bells). H. P.	rkt,
Heuchera (Alum Root or Coral Bells). H. P. Sanguinea. Long stems of large crimson scarlet flowers. Splendid for cutting.	\$0.25
Hibiscus (Rose Mallow). Noble shrub-like plants, with handsome green foliage, bearing throughout summer large bright flowers, from 3 to 5 inches in diameter. Very hardy. Suitable for garden and indoor use	
age, bearing throughout summer large bright	
hardy. Suitable for garden and indoor use	
when cut.	
Crimson Eye. Creamy white flowers, large crimson center	.10
crimson center	
roon center	.15
Moscheutos. (Rose Mallow.) Very showy pink flowers	.10
Mixed Mallow Marvels. Grand assortment	10
	.10
Hollyhock (Hardy Perennial.) We give particular attention to this most	
popular flower. Seed sown in June or earlier	
popular flower. Seed sown in June or earlier will flower the following summer.	
Allegheny, Mammoth Fringed. Very large flowers, finely fringed. Early sown seed will flower the first season. 7 feet. Mixed	
flower the first season. 7 feet. Mixed	
Double Maroon, Double Red. Double Salmon	.15
Double Maroon, Double Red, Double Salmon Rose and Double Yellow. All at. 4 oz., 50c Newport Pink. Fine, pure pink, double variety, exquisite in shade; flowers very double	.10
Newport Pink. Fine, pure pink, double variety, exquisite in shade: flowers very	
double	.15
Extra Choice Double Mixed. The seed	
from the finest double flowers only; sure to produce satisfactory results. 1/4 oz., 40c	
to produce satisfactory results. ¼ oz., 40c	.10
ANNUAL HOLLYHOCKS	
Everblooming Single Mixed. Large flowers, exhibiting every shade known in Holly-	
exhibiting every shade known in Holly- hocks	.10
Everblooming Double Mixed. Double and semi-double	.10
IBERIS (See Candytuft).	
Kalia (Summer Cypress), Trichopylla.	*
in a compact bush about 3 feet high.	
Cannot be excelled for a temporary hedge	
or screen	.10
Ipomoea (Morning Glory). Heavenly Blue (Rubra Caerulea). Beau-	
	.10
Noctiflora (Moonflower). At night and during dull days the plants are covered with an abundance of large, pure white fragrant flowersOz., 60c Setosa (Brazilian Morning Glory). Large	
an abundance of large, pure white fra-	
grant flowersOz., 60c	.10
Japanese Imperial. Flowers of immense size and of a great variety of colors	.10
size and of a great variety of colors	
Oz., 30c	.10
Japanese Imperial Fringed. Large fringed	

flowers of many beautiful colors and shades.....Oz., 50c



Defiance Mignonette

Larkspur Delphinium (Annual).

These handsome Larkspurs are very effective in borders and planted amongst shrubs. The graceful spikes of bloom are much valued for vases. They continue long in bloom. The Emperor, Hyacinth-flowered and Branching varieties bloom a little later than the Stock-flowered. Sow seed in the open border either in early spring or late fall so germination may take place very early in the spring.

STOCK-FLOWERED Lustrous Carmine

(Newport Pink) Sky Blue White

Dark Blue Dark Rose Exquisite Pink

Flesh Pink

Linaria

Lilac Each of the above, pkt., 10c; any 3 pkts. for 25c. Mixed, all colors. Oz., 60c; ¼ oz., 20c; pkt., 10c. Giant Hyacinth-Flowered Mixed. 3 ft. Derives its name from the striking resemblance of the flowers to a double Hyacinth. Delicate colors. Pkt., 10c. Dwarf Rocket Mixed. 1 ft. Pkt., 10c. Emperor Mixed. Produces an abundance of long, slender spikes in the most delicate colors. Pkt., 10c. Special Mixture. Annual Larkspurs. A charming mixture containing all the bright and delicate shades, makes wonderful cut flower material and should be planted generously. 1 oz., \$1.00; 1/4 oz., 30c; pkt., 10c. Lavatera The Lavateras or Annual Mallows are showy and effective plants covered during the entire summer with bloom. For large borders and cutting they are very desirable.

Splendens Alba. Very large silky pure white flowers	\$0.10
Splendens Rosea. Very large bright rose flowers	
Lantana Finest French Mixed. Desirable half hardy perennial	.10
Lathyrus Hardy Sweet Peas. Mixed	.10

(Kenilworth Ivy). Trailing plant for baskets and boxes.....

.....½ oz., 25c; oz.,40c

Lobelia Tender perennials which flower first season. Adapted to edging, borders, baskets, etc.	
	Pkt.
Crystal Palace Compacta. Fine for bedding ½ oz., 50c	.10
Gracilis. Light blue, trailing 1/8 oz., 50c	.10
Cardinalis (Cardinal Flower). A native variety,	
with spikes of brilliant scarlet flowers; fine hardy border plant; 3 feet 1/3 oz., 75c	.25
	ل شه
Lupinus (Lupine—Sun Dial). These are old that thrive in almost any soil or situation. Same species	
almost any soil or situation Same enecies	
are extensively used for forage and improve-	
are extensively used for forage and improve- ment of poor soils. The taller varieties are useful for the border, and dwarfer sorts for	
bedding.	
Polyphyllus or hardy sorts are very effective,	
spring-flowering plants, producing large spikes of pea-shaped flowers.	
Polyphyllus Roseus. Immense spikes. ½ oz., 60c	.15
Polyphyllus, Blue and White. Mixed. Large	
spikes; very thriftyOz., \$1.00	.10
Polyphyllus. BlueOz., 75c	.10
plants about 3 feet high, of vigorous growth.	
bearing long spikes of beautiful flowers. In	
Polyphyllus Moerheimi. Fine hardy Lupine plants about 3 feet high, of vigorous growth, bearing long spikes of beautiful flowers. In color, a combination of light and dark pink½ oz., 50c	.15
Perennial Varieties. Choice mixed. 1/2 oz., 25c	.10
Annual Sorts. This class is a great improvement on the old form. Very showy and nice	
for cutting, 2 feet. Blue, Rose, White, Red	
for cutting. 2 feet. Blue, Rose, White, Red and Sky Blue. Each	.10
Annual Sorts MixedOz., 50c	.10
Maural of Dans Four O'Clock. We make a	
Marvel of Peru Specialty of this fine old garden favorite. Give good soil and sunny leastion Specialty of this fine old garden favority good soil and sunny fixed by brids.	
location. Splendid mixed hybridsOz., 20c	.10
Maurandia Elegant twining, climbing plants, with handsome foliage	
and flowers	.10
M 11 (Tagatas) Splendid for hads or	
Marigold (Tagetes). Splendid for beds or borders; the tall varieties grow about 3 feet high; the dwarf sorts, 18 to 24	
about 3 feet high; the dwarf sorts, 18 to 24 inches.	
DOUBLE AFRICAN (Tagetes Erecta)	
Eldorado. Bright orange flowers, shaded primrose, 3 to 4 inches across. 2 feet 4 oz., 40c	.10
Lemon Queen. Very large, double canary vel-	.10
Lemon Queen. Very large, double canary yellow flowers. Erect, branching habit. 2 feet	
Oranga Prince A high-hand tall growing va-	.10
Orange Prince. A high-bred tall growing variety, bearing large, perfect double quilled flowers of a rich deep golden orange color; the finest of all and very showy 1/4 oz., 50c	
flowers of a rich deep golden orange color;	10
Pride of the Garden. Dwarf and bushy double	.10
Pride of the Garden. Dwarf and bushy; double, large-sized flowers of various shades of yellow	
10W	.10
Dwarf Double African Mixed	.10

DOUBLE FRENCH (Tagetes Patula)

These are very bright and effective in ribbon lines or for edging beds of tall plants. Legion of Honor. Single; bright yellow edges

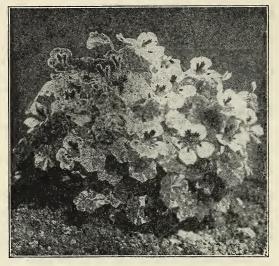
Single Marigold (Signata Marigold, forming compact little plants 6 to 8 inches high, and completely covered with flowers, which are bright yellow with brown stripe down the center of each petal. Very striking for edgings. Sow the seed in spring in boxes and transplant. Pit. 100 and transplant. Pkt., 10c.

Matricaria Feverfew. For beds and edges, Half hardy. Dwarf double white Eximia, Golden Ball. Golden yellow; fine for

.15

.10 .10

.10



Nasturtium-Dwarf

Pkt.

.10

.10

Torme	PKt.
Mignonette (Reseda Odorata). Large sweet Scented. Most Satisfac-	
tory for gardenOz., 20c	\$0.10
Machet. Dwarf; very floriferous and fragrant.	φ0.10
	.10
	.10
Bismarck. Immense red flowers and most deli-	.10
cious odor	.10
every bud is open	.10
every bud is open	.10
Mimoro (g. 111 D)	
Mimosa (Sensitive Plant).	
Pudica. White with pink blush	.10
Mimulus (Musk Plant).	
Moschatus. For baskets, etc. Yellow flowers	
fragrant foliage	.15
Morning Glory. (See Convolvulus).	
morning Giory. (See Convolvatus).	
Myzocatio (7)	Commission
Myosotis (Forget-me-not). Pkt.	
Alpestris Royal Blue. Rich indigo	
Alpestris White. Very fine. ¼ oz., 40c .10 Alpestris Mixed. Various colors	
Alpestris Mixed. Various colors	
Dissitiflora. Perennial. Clear blue.	
Early	
Palustris Semperflorens. Dark blue15	100
ranstris sempernorens. Dark brue15	
Hybrida, Ruth Fischer. Hardy biennial.	19300
Pure forget-me-not blue. Fine for	(200)
cutting and for hanging baskets. Can be forced successfully and, owing to	200
its extreme hardiness, it is valuable	1
for spring bedding in open ground25	33.
for spring beduring in open ground20	200
	-
Nicotiana (Tobacco Plant). H. A. The long tube-like flowers	1
are borne in clusters, and open toward	1
evening. 2 to 3 feet. Succeeds best	1
in sunny beds or borders.	1100
Affinis. White, 3 feet	200
Sandana Dinest Mixed A brilliant	33
Sanderæ. Finest Mixed. A brilliant carmine-red. 3 feet. Blooms all	A
summer	

Nierembergia (Cup Flower). Fru-the first year if sown early. Most desirable for baskets, etc... 4 oz., 40c

Nigella (Love-in-a-Mist, or Devil-ins and showy flowers, with finely cut foliage which surrounds the flower. Damascena. A compact, free-flowering plant of easy culture, growing in any garden soil; hardy annuals; blue and white mixed; one foot.....Oz., 35c

NASTURTIUMS

Tall Nasturtiums are especially suitable for covering fences, rockeries, trellises, or waste places that may not be very fertile, while the dwarf are splendid for borders and edgings.

JOHNSON'S SUPERB TALL MIXED

This is a fitting companion mixture to Johnson's Superb Dwarf collection offered above. This also contains the choicest colors in greatest variety. Pkt., 10e; oz., 20e; 2 oz., 35e; 4 oz., 60e; lb., \$2.00.

JOHNSON'S SUPERB DWARF MIXED

One of the choicest collections of really high-class varieties not commonly found in mixtures. It con-tains many high-priced named kinds of superb colors. Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 60c; 1b., \$2.00.

VARIEGATED VARIETIES

Ivy-Leaved, Mixed. Pkt., 10c; oz., 20c. Variegated-Leaved, Mixed. Pkt., 10c; oz., 20c; 4 oz., 60c.

Pentstemon (Beard Tongue). Highly useful and attractive perennials in the hardy border. Pkt.

Barbatus Torreyii. Spikes of brilliant coral red, very effective; June to August; 3 to 4 feet10

Mixed. A great variety of kinds and colors

Polyanthus (Primula Flowering Polyanthus Flowering plants. Charming Perfectly for beds or masses. 1-16 oz., 75c



NIGELLA-(Love-in-a-Mist)

Johnson's Superb Pansies

The seed that we offer comprises the very finest strains obtainable, and will be found very superior. Pansy plants ready at proper season. rives Fines Flow PANSIES. Enormous Flowers
Pkt.

Johnson's Universal Mixture. This is the finest	
mixture possible to make as regards size, tex-	
ture and colorings 1/8 oz., \$1.00; oz., \$7.00	\$0.5
Masterpiece. Giant curled and ruffled Pansies.	
Very beautiful, containing the richest com-	
bination of colors	.23
Bugnot's Superb Blotched. Flowers of enor-	
mous size. The shadings comprise tints of	
red, bronze, and brown not found in any other	
mixture	.23
Cassier's Giant. The largest-flowered class of	
blotched Pansies	.23
GIANT TRIMARDEAUX PANSIES	
Giant Golden Queen Pure vellow	
Giant Golden Queen. Pure yellow	.13
Giant Atropurpurcum. Deep royal purple	
	.13
Giant White. White, with dark eye 1/4 oz., 75c	.13
	. 1 0
Giant Snowflake (Snow Queen or Candidissima). Pure snow white	.18
Giant King of the Blacks. Intensely dark	.10
Giant King of the Blacks. Intensely dark 4 oz., 75c	.10
	.11
Giant Striped or Mottled. Curiously striped and flamed sort in rainbow tints 1/4 oz., 75c	.18
Giant Hortensia Red. Very fine 4 oz., 75c	.18
Giant Mixed. Extra fine blending of colors	
	.10
Phlox Drummondii This is one of the prettiest annuals	
Phlox Drummondil prettiest annuals	
and should occupy a prominent place in every	
garden. The flowers are fine for cutting.	
Prize Mixture of Large Flowering Phlox	
	.10
GRANDIELODA VADIETIES 1 ft	
1.	
Finest Mixed \$0.10 Shell Pink	.10
Alba. Pure white .10 Scarlet, White Eye.	.10
Bright Rose 10 Yellow	.10
Dowly Dumple 10 Pright Secret	.10
CDANDIN ODA D	.10
GRANDIFLORA. Dwarf. 6 in. Finest Mixed Salmon Pink	
Finest Mixed Salmon Pink \\\ oz., \ 60c \ .10 \ \dots \ \do	.15
Fireball Searlet Pure White	.10
½ oz., 60c .10½ oz., 60c	.10
½ oz., 60c .10½ oz., 60c Yellow½ oz., 75c	.15



.10

.15

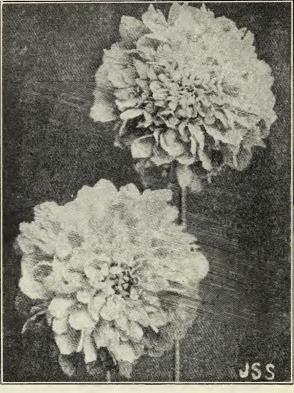
Ruffled Giant Petunia



Johnson's Universal Pansy	
PETUNIA	
BALCONY PETUNIAS. (See page 32.)	Pkt.
Giants of California Mixed. The flowers are very large and the colors embrace every conceivable shade of crimson, white, violet, lavender, etc	\$0.25
SINGLE GIANT FLOWERED PETUNIAS	ψ0. 2 0
Johnson's Large-flowering, Fringed, An unsur-	
passed mixture from show flowers	.25
deeply ruffled flowers	.25
Ruffled and Fringed Giants. Exquisitely fringed	
and ruffled on the edges, and of immense size, in endless varieties of colors	.50
CINCIA DEDDING DEFENIA	
SINGLE BEDDING PETUNIAS Inimitable Compacts. Bushy little plants are	
Inimitable Compacta. Bushy little plants are covered with pretty striped and star-shaped flowers	.10
Howard's Star. Very free flowering. A blush pink star on purple ground	.10
Rosy Morn. Soft carmine pink with white throat	.10
Purple King. Royal in color and size; a wonderful introduction	.25
for bedding, baskets, vases, etc	.10
LARGE-FLOWERING DOUBLE PETUNIAS	
In growing Double Petunias from seed the weaker seedlings should be carefully saved, as these usually produce the finest double flowers.	
Superb Double-fringed. Saved from an unrivaled collection: will produce a large percent-	
age of double flowers of the largest fringed varieties in best colorsPer 500 seeds, \$1.25	.50
Double Large-flowering. Beautiful varieties in mixture. This is grown for us by a specialist	.35
Double Small Flowered Mixed. The flowers of this strain are smaller than those of the above types, but they are produced in greater	
profusionPkt., 300 seeds	.25
DL (False Dragon Head). Fine	
Physostegia (False Dragon Head). Fine for a cool situation and rich, light soil, bearing erect spikes and pretty feather-like flowers. Useful for borders,	

wild gardens and for cutting.

.10



Large Flowering Scabiosa

.10 .10 .10

.10 .15 .15 .15 .10

(Papaver) A. ANNUAL SORTS	m1 .
Annual Oriental. A new strain of the Oriental Poppy, which will bloom the first year, if sown early	Pkt. \$0.25
Tulip. Single. Bright scarlet½ oz., 60c Shirley. Finest Mixed. Very popular½ oz., 30c Mikado. Double. White with crimson stripe.	.10 .10
White Swan, Double. Pure white½ 0z., 25c Best Single Mixed. ½ 0z., 25c	.10 .10 .10
HARDY OR PERENNIAL POPPIES	
Orientale. Deep crimson. Very showy. ¼ oz., 50c Orientale. Mixed colors ¼ oz., 60c Iceland. Orange red	.10 .15 .15
Iceland. Album	.15 .10
Portulaca H. A. A very free flowering plant; excellent for borders and rock- excellent for borders and rock- sown in May will bloom during July and a continuous display of flowers will be had until frost. 6 in.	
Finest Single Mixed14 oz., 25c; oz., \$0.75 Finest Double Mixed14 oz., 75c; oz. 2.50	.10 .10
Pyrethrum Most attractive, hardy perennials. Valuable border plants with stems about two feet high, each surmounted with handsome flowers, in the brightest shades of rose, pink, crimson, etc. Single Hybrids. This mixture contains the very largest flowering and choicest varieties	
Golden Feather (Aureum). Dwarf growing varieties, with bright yellow foliage; largely	.10
used for edgings and ribbon work. Usually treated as an annual. 3-4 feet	.10
splendid for cutting	.15
to September is literally hidden beneath the the multitude of large white daisy-like	.15
flowers	.10

Primula (Primrose), Half Hardy Sorts.	
Useful for pot culture or for	
it is prudent to protect them over winter.	
favorable conditions of soil and moisture, it is prudent to protect them over winter, particularly against saturation of soil by	
water.	TD1 /
Auricula. A wonderful range of colors. 1	Pkt.
foot	\$0.25
Japonica (Japanese). New Hybrids. Vigor-	
ous, large-leaved and about 18 inches high,	
throwing a tall flower-stem. Colors vary from blush-white to crimson and maroon,	
and of many pleasing shades.1-16 oz., \$1.00	.25
Vulgaris (English Primrose). Yellow, fra-	
grant	.10
Malacoides. A giant Baby Primrose from	
China. Foliage light green, deeply waved and fringed. 6 to 10 inches; light lilac	.25
	.25
Elatior. See Polyanthus, page 54.	
Giant Fringed. Superb mixed	.50
Sinesis stellata, mixed. A beautiful new class.	.50
OBCONICA PRIMULAS	
A good variety for pot-plants for decorative use, blooming from autumn to spring. May also be used outdoors. The Grandiflora	
May also be used outdoors. The Grandiflora	
the very large individual blooms of the	
newer Gigantea type.	0.5
Gigantea Kermesina. Rich crimson Rosea. Pure rose color	.25
Mixed. All colors	.20
Grandiflora alba. Pure white	.20
Kermesina. Bright crimson	.20
Rosea. Beautiful clear rose	.20
Appleblossom. Soft pink	.20
Mixed. All colors	.15
10 1 011 7 1	
Ricinus (Castor Oil Bean). Magnificent tropical-looking plants for lawns or large beds.	
or large beds.	
or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colorsOz., 25c; ¼ lb., 75c	.10
or large beds.	
or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colorsOz., 25c; ¼ lb., 75c	.10
or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colorsOz., 25c; ¼ lb., 75c Bourboniensis. Elegant green foliageOz., 25c	.10
ropical-looking plants for lawns or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colorsOz., 25c; ¼ lb., 75c Bourboniensis. Elegant green foliageOz., 25c Cambodgensis. Very dark, almost blackOz., 25c Finest MixedOz., 20c; ¼ lb., 55c	.10 .10
ropical-looking plants for lawns or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colorsOz., 25c; ¼ 1b., 75c Bourboniensis. Elegant green foliageOz., 25c Cambodgensis. Very dark, almost blackOz., 25c Finest MixedOz., 20c; ¼ 1b., 55c Rudbeckia (Coneflower).	.10 .10
ropical-looking plants for lawns or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colorsOz., 25c; ¼ 1b., 75c Bourboniensis. Elegant green foliageOz., 25c Cambodgensis. Very dark, almost blackOz., 25c Finest MixedOz., 20c; ¼ 1b., 55c Rudbeckia (Coneflower).	.10 .10
ropical-looking plants for lawns or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colorsOz., 25c; ¼ 1b., 75c Bourboniensis. Elegant green foliageOz., 25c Cambodgensis. Very dark, almost blackOz., 25c Finest MixedOz., 20c; ¼ 1b., 55c Rudbeckia (Coneflower).	.10 .10
ropical-looking plants for lawns or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colorsOz., 25c; ¼ 1b., 75c Bourboniensis. Elegant green foliageOz., 25c Cambodgensis. Very dark, almost blackOz., 25c Finest MixedOz., 20c; ¼ 1b., 55c Rudbeckia (Coneflower).	.10 .10 .10
ropical-looking plants for lawns or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colorsOz., 25c; ½ 1b., 75c Bourboniensis. Elegant green foliageOz., 25c Cambodgensis. Very dark, almost blackOz., 25c Finest MixedOz., 20c; ½ 1b., 55c Rudbeckia (Coneflower). Bicolor superba. Fine free-flowering annual growing about 2 feet high; forming a dense bush. The disc is brown, the florets golden yellow, with large velvety brown spots at the base; useful for cutting½ oz., 25c	.10 .10
ropical-looking plants for lawns or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colorsOz., 25c; ¼ lb., 75c Bourboniensis. Elegant green foliageOz., 25c Cambodgensis. Very dark, almost blackOz., 25c Finest MixedOz., 20c; ¼ lb., 55c Rudbeckia (Coneflower). Bicolor superba. Fine free-flowering annual growing about 2 feet high; forming a dense bush. The disc is brown, the florets golden yellow, with large velvety brown spots at the base; useful for cutting¼ oz., 25c Purpurea (Giant Purple Coneflower). A most interesting hardy perennial, producing all	.10 .10 .10
or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colors	.10 .10 .10 .10
or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colors	.10 .10 .10
or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colors	.10 .10 .10 .10
ropical-looking plants for lawns or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colors	.10 .10 .10 .10
ropical-looking plants for lawns or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colorsOz., 25c; ¼ lb., 75c Bourboniensis. Elegant green foliageOz., 25c Cambodgensis. Very dark, almost blackOz., 25c Finest MixedOz., 20c; ¼ lb., 55c Rudbeckia (Coneflower). Bicolor superba. Fine free-flowering annual growing about 2 feet high; forming a dense bush. The disc is brown, the florets golden yellow, with large velvety brown spots at the base; useful for cutting¼ oz., 25c Purpurea (Giant Purple Coneflower). A most interesting hardy perennial, producing all summer large, showy reddish-purple flowers, about 4 inches across	.10 .10 .10 .10
ropical-looking plants for lawns or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colorsOz., 25c; ¼ lb., 75c Bourboniensis. Elegant green foliageOz., 25c Cambodgensis. Very dark, almost blackOz., 25c Finest MixedOz., 20c; ¼ lb., 55c Rudbeckia (Coneflower). Bicolor superba. Fine free-flowering annual growing about 2 feet high; forming a dense bush. The disc is brown, the florets golden yellow, with large velvety brown spots at the base; useful for cutting¼ oz., 25c Purpurea (Giant Purple Coneflower). A most interesting hardy perennial, producing all summer large, showy reddish-purple flowers, about 4 inches across	.10 .10 .10 .10
or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colors	.10 .10 .10 .10
or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colors	.10 .10 .10 .10 .10
or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colors	.10 .10 .10 .10
or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colors	.10 .10 .10 .10 .10
or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colors	.10 .10 .10 .10 .10
or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colors	.10 .10 .10 .10 .10
or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colors	.10 .10 .10 .10 .10
or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colors	.10 .10 .10 .10 .10 .10 .15 .10
or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colors	.10 .10 .10 .10 .10
or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colors	.10 .10 .10 .10 .10 .10 .15 .10 .25 .25
or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colors	.10 .10 .10 .10 .10 .10 .15 .10
or large beds. Zanzibarensis. Finest of all. Gigantic leaves of various colors	.10 .10 .10 .10 .10 .10 .15 .10 .25 .25

Scabiosa

(Mourning Bride, Sweet Scabiosa, Pin-Cushion Flower, etc.)

These are firm favorites with many of our customers. Seed can be sown any time in the spring after danger of frost is past.

They grow about 2½ feet high, and come into bloom early in July, and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without Scabiosas, especially where flowers are wanted for cutting.

Large-flowering Annual Scabiosas

Buige-Howering Timinati Deadlosas		
P		Per
1/4	oz. pl	kt.
Azure Fairy. Clear lavender blue\$0.	.35 \$0	0.10
Crimson. Rich rosy crimson	.35	.10
Flesh Pink. Delicate tone of pink	35	.10
King of the Blacks. Velvety black purple.	.35	.10
Rose. Soft rose color	35	.10
White. Pure white	35	.10
Collection of a packet each of the six colors,	40c.	
Mixed. All colors of the Improved Large-f	low-	
ering	, 70c	.10

Hardy Perennial Scapiosas	
Caucasica (Blue Bonnet). One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; color soft lavender-blue; 3 feet	2.5
Japonica. A variety from Japan, forming bushy plants, 2½ feet in height, and bearing on long, wiry stems beautiful, artistic, lavender-	.25
blue flowers: a fine cut flower	.15

Schizanthus (Butterfly, or Fringe Flower). H. A. Dainty, erect growing plants for the house or garden. Noted for its wonderful variety of coloring.

Hybrida grandiflora compacts. These are large-flowered with wonderfully beautiful color combinations in the same flower. 15 inches Charming long and profusely-Wistonensis.

.10

.25

.15

.15

.15

.10

blooming hybrids. Excellent for greenhouse culture

Sedum (Stonecrop). H. P. Suitable for rock-work, stone walls, edgings and dry situations. Their foliage and bright flowers attract attention.

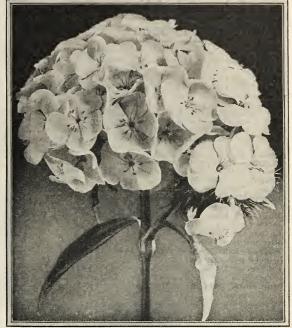
tatice (Sea Lavender). H. P. Long pan-icles of small, light blue flowers, which if dried will make nice Winter bou-Statice Latifolia. Purplish blue. 2 ft...... 4 oz., 50c

G. P. The tiny white flowers are produced in long, loose panicles. Fine Stevia

Stocks (Gilliflower).

Stokesia (Cornflower Aster). This popular hardy perennial bears all summer, large, attractive flowers, resembling semi-double asters; fine for cut flowers. 2 feet.

Cyanea. Lavender-blue; handsome.. 4 oz., 50c



Sweet William-Pink Beauty

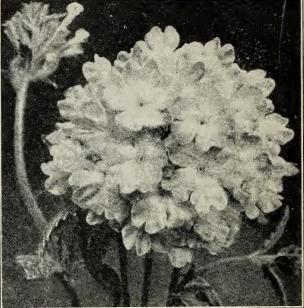
Sunflower (Helianthus).	Pkt.
Miniature. Best mixed	\$0.10
Miniature RedOz., 65c	
Large Russian. Tall mammoth-floweredOz., 20c	.10
Sweet William (Dianthus Barbatus). Fra- grant hardy perennial for border and bedding. They flower richly in almost any soil.	
Pink Beauty. A rich, deep rose shade 1/4 oz., 50c	.15
Scarlet King (New). An intensely deep rich, pure scarlet; a grand acquisition. 1/8 oz., 60c	.15
Mixed. Single. All colors	.10
Newport Pink. Color watermelon pink, fragrant. 18 inches highOz., \$3.00; ¼ oz., \$1.00	.15
Thunbergia H. A. Pretty trailing plants, mostly used for window boxes, vases and urns; foliage and flowers produce a striking effect. Alata. Yellow, with dark eye. 5 ft 4 oz., 50c	.10
Alata. Yellow, with dark eye. 5 It 4 Oz., 500	.10
Tritoma (Red-Hot Poker Plant or Flame Flower). H. P. Magnificent, large spikes of orange-red flowers, attaining a height of 4 ft., effective in single clumps or among shrubbery.	.15
Uvaria grandiflora. Orange and scarlet	.10
Valerian H. P. Fine border plants with long spikes of fragrant flowers, suitable for cutting.	
Finest Mixed	.15
Veronica (Speedwell). H. P. Long spikes of brilliant blue flowers, excellent for growing in shady places and requiring plenty of moisture.	
Longifolia. Rich blue. 3 ft 1/8 oz., 40c	.15
Spicata. Light violet blue. 3 ft 1/8 oz., 35c	15
Vinca (Periwinkle). H. A. of easy cultivation, growing very readily from seed and flowering same season. Plants have dark green foliage and the pink or white single flowers make fine pot plants.	.15
Finest Mixed. 1 ft	.19

Johnson's Double-Flowering Finest Mixed Wallflower

Johnson's Mammoth Verbenas

We have been carefully selecting and improving this fine strain of Verbenas for years, and can recommend it as the very best procurable. The trusses and individual flowers are of the largest size; of brilliant colors, freeblooming and of vigorous habit. For best and quickest results, seed should be sown early in the house or hotbed, and transplanted to flow-ering quarters in May. If sown outdoors in May, it blooms from the end of July on. We offer the following colors:

Pink. Various pink shades	\$0.10
Purple. Rich dark blues and purple	.10
Scarlet. Uniform bright scarlet	.10
White. Purest white	.10
Blue. Light to medium blue shades	.10
Mammoth Defiance. Bright, rich scarlet;	
small leaves	.10
Mammoth Blue Varieties. Showy and dis-	
	.10
tinctive	
Lutea. Bright yellow	.10
Mammoth Mayflower. Beautiful pink	.10
Mammoth Striped Varieties. Beautiful col-	
lection	.10
Lucifer. Deep cardinal scarlet. Very	
	.15
rich	.19
Mammoth Mixed. Containing all the	
colors	.10
COTOTS	.10



Verbena-Mammoth Pink Various Verbenas Hybrida, Fine Mixed. A splendid mixture, flowers not quite so large as our Mammoth Lemon Verbena (Aloysia Citriodora). Every garden should have a few plants of this fragrant favorite. Its pale green delightfully scented foliage goes well with any flower. Start indoors..... .15 Erinoides (Moss Verbena). This lovely variety produces a mass of moss-like foliage, spreading over the ground like a carpet, above which are borne heads of purplishblue and white blossoms in lavish profusion; comes into flower in June and continues until frost. For beds, baskets or rockeries it is highly desirable..... .10 Venosa (Hardy Garden Verbena). This variety is largely used for bedding purposes. It is a strong, thrifty grower about 1 foot high, and covered from early summer until late fall with its bright purplish-heliotrope¼ oz., 30c .10 Wallflower Well-known deliciously fragrant half hardy perennials, bloom-

ing early in the spring, with spikes of beautiful flowers. In the north they should be protected in a cold frame in the winter and planted out in April.

Paris Extra Early. A beautiful single variety, which may be treated as an annual, flowering through the summer Goliath. A splendid single variety; flowers of a rich, shining red, with a black velvety sheen..... .10 .10 Double-flowering Finest Mixed....... 2 pkts., 25c .15

Water Lily Seeds

Nymphaea Tender	Varieties Mixed	.15
Nelumbium Mixed	Sorts	.15

Johnson's Grand Spencer or Orchid-Flowered



Cream or Primrose

obbie's Cream. C Pkt., 10c; oz., 40c. Clear, deep cream; perfect form.

Cream-Pink

New Miriam Beaver. One of the daintiest shades in Sweet Peas. Soft hydrangea-pink, tinted salmon. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Picture. A recent English introduction. Salmon-pink; large and of elegant form. Pkt., 10c; oz., 50c.

New Mary Pickford. Beautiful light and dainty cream pink. Pkt., 15c; large pkt., 30c; oz., 60c.

Margaret Atlee. Rich, glowing pink on cream ground, suffused with salmon on standard and wings. Pkt., 10c; oz., 50c; ¼ lb., \$1.60.

Deep Pink

ountess Spencer. The original Spencer variety; lovely clear pink. Pkt., 10e; oz., 35e; ¼ 1b., \$1.10. Hercules. Soft rose-pink; extraordinary size and substance. An improvement on Countess Spencer. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Hawlmark Pink. A sensational novelty. Bright pink with a suggestion of salmon. Extra large. Pkt., 10c; oz., 50c; ¼ lb., \$1.60.

Rose and Carmine

Rosabelle. Deep rose with a white blotch at the base of standard and wings. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

George Herbert. Magnificent, rich rosy carmine self. Extra large. Pkt., 10e; oz., 35e; ¼ lb., \$1.10.

Salmon and Cerise

Barbara. Rich salmon self, of finest form. Pkt., 10c; oz., 40c.

Illuminator luminator. Glowing cerise-salmon, su orange. Pkt., 10c; oz., 35c; 1/4 lb., \$1.10. suffused with

Sweet Peas HA

It has been only a few years since the first of the Spencer Sweet Peas was introduced to American gardeners, but they have in that short time so completely overshadowed the old-fashioned or Grandiflora varieties that the latter are almost forgotten. The flowers of the Spencer or Orchid-Flowered type are of extraordinary size, with beautifully waved standards and wide-spreading wings, round and open, often measuring 2 inches or more across. A large percentage bear four of these immense blossoms to the stem, and the stems are long and strong, making them of exceptional value for cutting. for cutting.

In exquisite form and range of elegant colors, there are no flowers to compare with Sweet Peas. We offer the cream of the Spencer sorts that have been tested and found to be of true merit and

distinct in color.

PAMPHLET ON SWEET PEA CULTURE FREE

Johnson's Grand Spencer Mixture

A liberal planting of this mixture will furnish a most magnificent display of Spencer types. All shades of color. Gigantic Waved Spencer Type. Pkt., 10e; oz., 30e; ¼ lb., S5e; lb. lb., \$2.75.

White

ting White. Pure, glistening white; gigantic in size and perfect in form. The best white to date. White-seeded. Pkt., 10c; oz., 35c; ¼ lb., \$1.10. onstance Hinton. A mammoth, black-seeded white; sometimes tinged with blush at the base of the petals. Pkt., 10c; oz., 35c; ¼ lb., \$1.10. King White.

Blush-Pink

Elegance. One of the newest. Flowers of immense size; dainty lilac-pink on white ground. Pkt., 10c; oz., 50c.
Elfrida Pearson. Lovely soft pink throughout; flowers of large size and exquisite form. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Orange

Tangerine, Improved. This is the last word in orange Sweet Peas. Large, beautifully formed flowers. Pkt., 10c; oz., 50c.
Robert Sydenham. Deep glowing orange. Pkt., 10c;

oz., 40c.

Helen Lewis. Orange-rose wings; standard crimson-orange. Pkt., 10e; oz., 35e; ½ 1b., \$1.10.

Orange-Scarlet

Defiance. Pure flaming orange-scarlet. Pkt., 15c;

oz., 70c.

Fiery Cross. Fire-red or rich orange-scarlet, without any shading. A famous variety; one of the brightest in existence. Pkt., 10c; oz., 40c; ¼ lb.,

S1.20.

Royal Scot. Pkt., 10c; oz., 50c.

The President. Brilliant orange-scarlet; largest size. Pkt., 10c; oz., 40c; ¼ lb., \$1.20.

Scarlet and Crimson

Vermilion Brilliant. Intense pure scarlet. Pkt., 10c; oz., 35c.
King Edward Spencer. Bright crimson-scarlet; flowers of the largest size and finest form. Pkt., 10c; oz., 35c; ½ lb., \$1.10.
Crimson King. Rich deep crimson. Pkt., 15c;

Dobbie's Sunproof Crimson. A bright, lasting color; requires no shading from the sun. Pkt., 10c; oz., 35c; 1/4 lb., \$1.10.

Lavender

Hawlmark Lavender. New. Pure true lavender of immense size. Pkt., 25c. R. F. Felton. A very fine clear, deep lavender. Pkt., 10c; oz., 40c. Austin Frederick Improved. Giant lavender. Pkt., 10c. oz. 40c.

10c; oz., 40c. Asta Ohn. Lavender with a mauve suffusion. Pkt.,

10e; oz., 35c.

SPENCER OR ORCHID-FLOWERED SWEET PEAS—Cont.

Fancy or Art Shades

Irish Belle. Pastel lilac, with a blush-pink suffusion. Pkt., 10c; oz., 35c.

Afterglow. A remarkable combination of pastel colors. Standard rosy amethyst; wings electric blue. Charming. Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

Brocade. An unusual but exceedingly attractive combination of lavender, rose, and salmon-pink with satiny sheen. Pkt., 15c; oz., 50c.

Bicolor

Apple Blossom. Standard cream, flushed pink; wings deep rose. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Mrs. Cuthbertson. Standard rose-pink; wings blushwhite; very pretty for bunching. Pkt., 10c; oz.,

white; very pretty for bunching. 35c; 1/4 lb., \$1.10.

Blanche Ferry Spencer. Standard bright carmine-rose; wings pure white. An old favorite. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Blue

Mrs. Tom Jones. Bright delphinium-plue. The est and best light blue. Pkt., 10c; oz., 50c. The new-

Wedgwood. Lovely, light blue, of exquisite form; free-blooming. Pkt., 10c; oz., 35c.

Commander Godsall. A new deep navy-blue of immense size. Pkt., 15c; oz., 75c.

Mauve and Purple

elio. Rosy lavender with a bronze suffusion. striking novelty. Pkt., 15c; 3 pkts. for 40c.

Royal Purple. Rich rosy purple; flowers of immense size. Pkt., 10c; oz., 35c; ¼ lb., \$1.10.

Maroon

Hawlmark Maroon. A strong grower with large flowers the color of polished mahogany. Pkt., 10c; oz., 50c.

Warrior. Varrior. Large reddish maroon, with a bronzy tint. Pkt., 10c; oz., 35c; ¼ 1b., \$1.10.

Johnson's Double Giant Zinnias

Our special strain of this grand old free and continuous flowering annual produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. Plants attaining a height of 3 feet and bearing on long stems numerous semiglobular, mostly very double flowers, all of the globular, m largest size.

Giant Golden Yellow Giant Scarlet Giant Burnt Orange Giant Salmon Giant Flesh

Giant Sulphur Yellow Giant White Giant Violet Giant Purple Giant Crimson

Prices of above Zinnias-Pkt., 15c; ¼ oz., 50c; oz.,

Collection of a packet of each of the above 10 colors for \$1.10.

One pkt. each of 5 varieties your selection for 60c.

Giant Mixed Colors. Pkt., 10c; ½ oz., 45c; oz., \$1.10; ½ lb., \$3.25; lb., \$12.00.

\$0.10

Johnson's Large-flowering Dwarf Double Zinnias

This we consider the best Zinnia for bedding, forming bushy, compact plants not over 2 feet high, and bearing large perfect double flowers placed clear distinct colors.

Canary. Clear yellow. Flesh-pink. Delicate shade.

Orange.

Scarlet. Very rich.
Salmon Rose. The most
popular color of all.
White. Pure white.

Rich golden orange.

Price. Any of the above 10c per pkt., 30c per 1/4 oz. Collection of a packet each of the above 6 sorts, 40c.

Finest Mixed. All colors of the large-flowering dwarf sorts..........Per ¼ oz., 25c; oz., 75c \$0.10

Early or Winter-flowering Spencer Sweet Peas

A comparatively new development in Sweet Peas. The Winter-flowering Spencers are now grown almost exclusively for winter bloom and are in great demand by florists. They are equally desirable however, for outdoor planting as they come into bloom two to three weeks ahead of the standard Spencer varieties and, if kept cut, will continue to bloom nearly as long.

Pkt. ½ oz. Oz. Snowflake. Pure white. White-seeded. \$0.10 \$0.45 \$0.80 .75 Mrs. Spanolin. Black-seeded white10 .40 Songbird. Dainty blush-pink 35 .65 Spring Maid. Rose-pink on cream35 .65 Mrs. A. A. Skaach. Lively shell-pink . . .80 .35 .65 Melody. Light rose-pink Rose Queen. Glorious, deep rose-pink Rose Charm. Bright carmine-rose.... .10 .75 .60 1.00 .15 1.00 .60 .15 .25 1.10 2.00 Morning Star. Standard orange; wings .10 rosy80 Illumination. Glowing salmon-cerise. .10 Fire King. Dazzling cerise-scarlet... .10 .80 .45 .80 .10 Aviator. The best crimson-red...... .45 .10 Lavender King. Clear, deep lavender. .45 .80 Blue Bird. The finest pure mid-blue... .10 .80 .40 .75 Heatherbell. Rich mauve; extra-large .10 Yarrawa. Deep rose and cream.....
Columbia. The best "pink and white" .35 .65 .10 .40 .75 Finest Mixed. Pkt., 10c; oz., 40c; 1/4 lb., \$1.25; lb., \$4.50.



Double Giant Zinnia

Double Lilliput or Pompon Zinnias

A very pretty type of compact habit not over 15 inches high, bearing small densely double flowers on long stems, held well above the foliage.

TOILE ST	cillo, il	siu w c	II abo	A C CYI	C IOI	Imp c.	
			Pkt.	1			Pkt.
				1			
Canary	Valley	T7	¢Λ 1Λ	60	arlat		 \$0.10
Canary	remov	V	φυ. τυ	1 30	ariet		 · 40.TO
Golden	Owane		10	337	hita		 10
					шис		
Salmon	Dogo		10				
			.10	1	_	_	

Collection of a pkt. each of the 5 colors, 40c. Finest Mixed. Containing all the colors. 4 oz., 30c

ROSES

The Best Field-Grown Roses for Your Garden

We offer a very select list of Dormant Rose Bushes for outdoor planting in Hybrid Tea, Hybrid Perpetual and Hardy Climbing types. The following varieties, each listed in its class, we can especially recommend for either spring or fall planting.

CULTURAL DIRECTIONS

When the rose beds are prepared, be sure they have good drainage, and that the soil is rich and sweet. Water well after planting. Prune them well; if

you do not know how, ask us; we will be glad to tell you the right way. Keep them clean from insects. Bush roses can be set 1½ feet apart, climbing varieties from 4 to 6 feet apart, and standard Roses 3 or more feet apart. Cultivate freely throughout the summer and apply a light top dressing of bone-meal or sheep manure at least once a month throughout the growing season. Just before the ground freezes, in late November, draw the soil up against the plant in the same manner as you would hill up potatoes, and in December, when the ground is thoroughly frozen, cover with leaves, salt hay, or straw.

The stock offered here is good healthy 2-year-old stock, which will give an abundance of bloom

the following summer if planted in the fall.

Prices, each 75c; 6 for \$5.50; per doz., \$8.00; 25 for \$15.00; 100 for \$52.00, except where noted.

ALEXANDER HILL GRAY. The long-pointed bud develops into a large, pefectly formed flower of lemon-yellow, shading darker at maturity. Foliage leathery, glossy, disease-resistant. COLUMBIA. The flowers are large, fully double, bright lively pink, shading darker at maturity; very fragrant.

CRUSADER, Raised also as a greenhouse rose. A rich, velvety crimson flower of large size, slightly fragrant.

DUCHESS OF WELLINGTON. The buds are long; the flowers large, well formed of few petals of intense saffron-yellow, changing to deep coppery yellow as they expand; delightfully fragrant.

GRUSS AN TEPLITZ. Of a rich scarlet shading to a velvety crimson.

HADLEY. A rich crimson, varying to deep velvety crimson. The flowers are well formed and very fragrant.

KAISERIN AUGUSTA VICTORIA. A soft pearly white faintly tinted lemon in the center. Very fragrant.

KILLARNEY. Large, long-pointed buds, opening to large loose blooms of beautiful flesh-color, borne on long strong stems.

KILLARNEY BRILLIANT. Sport of Killarney. Brilliant pink, almost crimson.

KILLARNEY QUEEN. Another sport of Killarney, with flowers of a somewhat darker, clearer pink than the parent. Blooms large, well formed.

LADY ALICE STANLEY. A very much admired variety on account of its delightful fragrance and free-blooming qualities. A beautiful shade of coral-rose, the inside of the petals shading to flesh-pink, with deeper flushes.

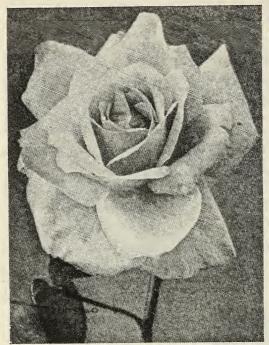
LADY HILLINGDON. Elegant buds of good quality and size, opening into handsome flowers of clear apricot-yellow.

LOS ANGELES. In color a luminous flame-pink, toned with coral and shaded with translucent gold at the base of the petals. The buds are long and pointed and expand into a flower of mammoth proportions. This variety should be carefully protected during the winter. Each, \$1.50; per doz., \$15.00.



The Three Radiance Roses—Radiance (at top), Red Radiance (center, left), and Columbia (lower right), represent a distinct and dependable type of American-bred Hybrid Teas





Los Angeles

Hardy Hybrid Perpetual Roses

The collection offered below will be found excellent. In pruning Hybrid Perpetuals it is advisable to cut away all weak growth, and if quality of bloom is desired, cut back the strong canes to within 8 or 9 inches of the ground, but if quantity of bloom for garden effect is desired, leave these canes from 2 to 3 feet high, according to their strength.

FRAU KARL DRUSCHKI. Pure white in color, perfect in form, strong grower and remarkably free-flowering.

perfect in form, strong grower and remarkably free-flowering.

GENERAL JACQUEMINOT. Brilliant scarlet-crimson.

MAGNA CHARTA. Strong, vigorous grower; bright pink suffused with carmine.

MRS. JOHN LAING. Very free-flowering; soft pink of beautiful form.

PAUL NEYRON. Perhaps the largest of all; dark

rose in color.
SOLEIL D'OR (Golden SOLEIL D'OR (Golden Sun). Color varies from orange-yellow to reddish gold, shaded with nasturtium-red. Conical-shaped buds opening to large, full, flat-shaped flowers.

ULRICH BRUNNER. A good strong grower with large, full flowers, of a bright cherry-red.

Any of the above, field-grown plants, 75c each; \$8.00 per doz.; \$52.00

HARDY CLIMBING ROSES

TWO-YEAR DORMANT PLANTS. Each, 75c; 6 for \$4.00; per doz.,

87.00.

CLIMBING AMERICAN BEAUTY. Large fragrant flowers of a rich carmine color produced in abundance on strong growing canes.

AMERICAN PILLAR. Large single flowers of cherry pink with a clear white eye which surrounds numerous golden stamens.

CRIMSON RAMBLER. Bright crimson flowers borne in immense clusters during June and July. Extra strong.

DROTHY PERKINS. Countless clusters of double pink flowers of a most beautiful shade. Strong dormant plants.

DR. W. VAN FLEET. Long pointed deep pink buds, which when fully expanded are light pink, gradually deepening to a rich shell pink in the center.

EXCELSA (Red Dorothy Perkins). Brilliant scarlet-crimson flowers of the same type as Dorothy Perkins.

PAUL'S SCARLET CLIMBER. A brilliant, vivid scarlet, which is maintained from bud until the petals fall. Medium in size, semidouble, in clusters of from three to six flowers each, the plants are literally covered with blossoms.

SILVER MOON. Clear silver-white with bright yellow stamens.

ROSES-Cont.

MME. BUTTERFLY. Brilliant pink, suffused apricot and gold. Each, \$1.50; per doz., \$15.00.

MME. CAROLINE TESTOUT. Large, globular flowers of bright satiny rose, with deeper center. Very fragrant.

OPHELIA. Delicate tint of salmon-flesh, shaded rose.

PREMIER. Pure rose-pink in color, of good size and form.

RADIANCE. A brilliant carmine-pink, with salmon pink and yellow shadings at the base of the petals.

RED RADIANCE. A sport of Radiance carrying all the good qualities of the parent and differing only in the beautiful deep red color of the large globular flowers.

SUNBURST. Intense orange-copper and golden-yellow; buds long and pointed; very brilliant in effect. Each, \$1.25; per doz., \$12.50.

TLLOWMERE. Coral-red in the bud state, opening to a large, rich shrimp-pink, shaded yellow in the center and flushed carmine-pink toward the edges of the petals. Each, \$1.50; per doz., \$15.00.

Book on Roses

A treatise on propagation, culture and history of the Rose. Il-



Three Fine Hardy Climbers-Top, Dorothy Perkins; Center Oval, Paul's Sc Climber; Lower, Excelsa

JOHNSON'S HARDY PERENNIAL PLANTS

The size mentioned in the description indicates the approximate height that the plant may be expected to attain at maturity. The months represent the season of bloom.

Prices of Perennials, except where otherwise noted, 15c each; \$1.50 per doz.; \$10.50 per 100.

- ACHILLEA ptarmica, "The Pearl." Small double white flowers in open heads, blooming profusely all summer. 2 feet. 25c each; \$2.50 per doz. Small double
- ACONITUM napellus (Monkshood). Dark blue flowers hooded in dense heads from July to September. 3 feet.
 - Prices of Aconitum on application.
- ALYSSUM saxatile compactum (Basket of Gold, Gold Tuft, Rockmadwort). For the rockery or bor der, 1 foot high, bright yellow flowers. 25 each; \$2.50 per doz., \$18.00 per 100.
- ANCHUSA (Dropmore). Beautiful rich blue. 5 to 6 feet. 35c each; \$3.50 per doz.
- ANEMONE japonica.
 - Alba. Flowers pure white, with prominent yellow center. 35c each; \$3.50 per doz.
- ILEGIA chrysantha (Golden Spurred Columbine). Flowers are a pure golden yellow with long spurs. June to September. 3 feet. 30c AQUILEGIA each; \$2.50 per doz.
- Chrysantha alba. A white-flowering form of above. 30c each; \$2.50 per doz.
- Long-spurred Varieties. A selected strain of immense flowers in all the brilliant shades. 30c each; \$2.50 per doz.
- ARABIS alpina (Rock Cress). An excellent dwarf plant for rockwork, borders or carpeting where massed color effect is desired, covered during its blooming season with snow-white flowers.

 25c each; \$2.50 per doz.
- HARDY ASTERS (Michaelmas Daisies). They flower at a time when few hardy plants are in bloom. 25c each; \$2.50 per doz.; \$18.00 per 100.
- EEDING HEART (Dicentra Spectabilis Seal Flower). An old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive. 50c each; \$5.00 per doz.
- BOLTONIA latisquama. Very showy pink flowers, fine for cutting. August and September. 4 to 5 feet. 25c each; \$2.50 per doz.
- CAMPANULA (Bluebells).
 - Media (Canterbury Bells). Separate colors, blue, pink, white and mixed. 25c each; \$2.50 per doz.
 - Media calycanthema (Giant Cup and Saucer Canterbury Bells). Separate colors, blue, pink, white and mixed. 25c each; \$2.50 per doz.; \$18.00 per \$100.
- CHRYSANTHEMUMS (Hardy Pompons) All colors. 20c each; \$2.00 per doz.; \$12.00 per 100.
- Large Flowered or Shaggy Varieties. All standard varieties and colors. 20c each; \$2.00 per doz.; \$12.00 per 100.
- Small Flowered or Button Varieties. 20c each; \$2.00 per doz.; \$12.00 per 100.
- COREOPSIS lanceolata grandiflora. **EOPSIS** lanceolata grandiflora. Large, showy, bright yellow flowers, produced in the greatest abundance from June till frost. 25c each; \$2.50 per doz.
- DAISY, Hardy (Bellis Perennis—English Daise double-flowering pink and white. Daisy). per basket.
- DELPHINIUMS (Hardy Larkspur).
 - Belladonna. The freest and most continuous blooming of all. The clear turquoise blue of its flowers is unequaled for delicacy and beauty. 25c each; \$2.50 per doz.; \$18.00 per 100.

 Formosum. Best dark blue. 25c each; \$2.50 per doz.; \$18.00 per 100.

- DIANTHUS Deltoides (Maiden Pink). A charming creeping variety, with pink flowers. 25e each; \$2.50 per doz.
 - White flowering. 25c each; \$2.50 per doz.
- DICTAMNUS Fraxinella (Gas Plant). A very showy bordered perennial, forming a bush about 21/2 feet in height, having fragrant foliage and spikes of rosy-pink flowers with deeper veins during June and July. Requires a heavy, strong soil, and an open sunny position. 25c each; \$2.50 per doz.
- DIGITALIS (Foxglove). Old-fashioned hardy biennial plants with broad foliage and showy flow ers, borne on spikes. June and July. 25c each; \$2.50 per doz.
- FUNKIA Undulata Variegata (Plantain Lily). Green leaves margined and edged white. 30c each; \$2.75 per doz.
 - Subcordata Gradiflora. Large white flowers, borne in heads. Foliage green, pointed; sweet scented. 18 inches. August and September. 40c each; \$3.75 per doz.
- GAILLARDIA Grandiflora. Color ranging from red to yellow, dark maroon center. 3 feet. June to frost. 25e each; \$2.50 per doz.
- GEUM (Avens).
- rs. Bradshaw. Large double flowers of the brightest scarlet color. 30c each; \$2.50 per doz. Mrs.
- GYPSOPHILA Paniculata (Baby's Breath). Minute white flowers. 25c each; \$2.50 per doz.
- HELENIUM Autumnale Superbum. Large yellow flowers. 6 to 7 feet. July to September. 30c each; \$2.50 per doz.
 - Autumnale Rubrum. A variety of the above with bright terra cotta red flowers. 30c each; \$2.50 per doz.
- HELIANTHUS Giganteus (Hardy Sunflowers). Medium sized bright canary-yellow flowers in September and October. 6 feet. 25c each; \$2.50 per doz.
- HEMEROCALLIS Flava (Lemon Day Lily). Fragrant yellow flowers in June. 2 feet high. 25c each; \$2.50 per doz.
 - Fulva (Orange Day Lily), 25c each; \$2.50 per doz.
- HIBISCUS. Crimson Eye. Large, white flowers, with a crimson-purple eye. August and September. 6 to 7 feet. 50c each; \$5.50 per doz. Extra large plants.
 - Large, light pink flowers, crimson center. July to September. 5 to 6 feet. 50c each; \$5.50 per doz. Extra large plants.
- HOLLYHOCKS (Althea Rosea). Deep cultivation, much manure and frequent watering in dry weather will secure fine spikes. 30c each; \$3.00 per doz.
 - ouble. Flowers form rosettes of lovely shades of yellow, crimson, rose, pink, orange and white. 30c each; \$3.00 per doz. Double.
- HONEYSUCKLE, Chinese Evergreen (Woodbine). Red, yellow, crimson, rose, pink, orange and white. 25c each; \$2.50 per doz.
- RIS Sempervirens (Hardy Candytuft). Pure white flowers. 8 to 10 inches. 25c each; \$2.50 IBERIS per doz.

JOHNSON'S HARDY PERENNIAL PLANTS-Cont.

Six plants of a variety at dozen rate; 25 at 100 rate.

Prices of Perennials, except where otherwise noted, 15c each; \$1.50 per doz.; \$10.50 per 100.

- LIATRIS Pycnostachya (Blazing Star, or Gay Feather). Showy and attractive native plants, succeeding anywhere, producing large spikes of light rosy-purple flowers in July and August. 5 feet. 25c each; \$2.50 per doz.; \$15.00 per 100.
- LILY-OF-THE-VALLEY. For outdoor planting in shaded places. Pure white flower bells appear on stems about 8 to 10 inches long in the latter part of May. 25c per doz.; \$2.00 per 100. Stock cannot be shipped after May 15th.
- LINUM Perene (Flax). A desirable plant for the border or rockery, growing 2 feet high, with light, graceful foliage and large blue flowers all summer. 25c each; \$2.50 per doz.; \$15.00 per 160.
- LOBELIA (Cardinal Flower). 25c each; \$2.50 per doz.
- LUPINUS (Lupins). These flower in May and June; are 3 to 4 feet high. In dry weather, water liberally to prolong the bloom.
 - Polyphyllus. I \$3.50 per doz. Blue, white and pink.
- LYCHNIS (Campion). Lychnis are of the easiest culture, thriving in any soil.
- MONARDA Didyma (See Balm). Bright scarlet flowers in terminal heads. July to September. 2 to 3 feet. 25c each; \$2.50 per doz.
- MYOSOTIS Alpestris (Alpine Forget-Me-Not). Splendid for beds, borders, and rockeries. \$2.00 per doz.
- OENOTHERA (Evening Primrose).
 - Pilgrimi. Large clusters of bright yellow. 18 inches. June to September.
 - A rare, pure white variety. Speciosa. 18 inches. June to September. 30c each; \$2.50 per doz.
- ORNAMENTAL GRASSES. We carry a full line of all varieties. Prices on application.
- PENTSTEMON (Beard Tongue). Most desirable perennials for either border or rockery.
 - Barbatus Torreyi. Spikes of brilliant scarlet; height, 2 to 5 feet; June to August. 30e each; \$3.00 per doz.
- PHLOX SUBULATA (Moss or Mountain Pink). An early spring-flowering type. An excellent plant for the rockery, or the border, and invaluable for carpeting the ground or covering graves.
 - Alba. Pure white. Each 25c; \$2.50 per doz.
- Lilacina. Light lilac. Each 25c; \$2.50 per doz. Rosea. Bright rose. Each 25c; \$2.50 per doz.
- HARDY PHLOX, Paniculata. We can furnish all colors and varieties. 25c each; \$2.50 per doz.
- PHYSOSTEGIA (False Dragon Head). Forming dense bushes 3 to 4 feet high.
- Virginica. Bright, but soft pink. Each 25c; \$2.50 doz.
 - Alba. Pure white. Each 25c; \$2.50 doz.
- PINKS, Hardy Garden (Double).
- Elsie. Bright rose with maroon center.
- Essex Witch. Delicate pink, finely fringed.
- White Reserve. Very double and pure white. Prices, 25c each; \$2.50 per doz.; \$15.00 per 100.
- ATYCODON (Balloon Flower or Japanes flower). Flowers from June to October. PLATYCODON Japanese Bell-
 - Grandiflorum. Deep blue-cupped, star-shaped flowers; 1½ feet. 25c each; \$2.50 per doz.
- lbum. A white-flowered form of the above. 25c each; \$2.50 per doz.
- POPPY, Oriental. Beautiful showy scarlet. 25c each; \$2.50 per doz.
- PYRETHRUM Uliginosum (Giant Daisy). Grows 3 to 4 feet high with large white daisy-like flowers, 3 inches in diameter, from July to September. 25c each; \$2.50 per doz.; \$15.00 per 100.
- RUDBRECKIA (Golden Glow). Flowers beautiful golden yellow and very double. June till fall. 6 to 8 feet. Each 25c; \$2.50 per doz.

- SCABIOSA. The flowers are gigantic measuring frequently 3 inches and more in diameter. Average height, 2½ feet. Very free flowering. Caucasica (Blue Bonnet). A delicate shade of lavender-blue starting in flower in June and lasting well through the summer. 50c each; \$5.00 per doz. Caucasica Alba. White. Like the above except in color. 50c each; \$5.00 per doz.
- SEDUM or STONE-CROP (Dwarf Sorts). Suitable for the rockery, carpet-bedding, covering of graves,
- etc. Acre (Golden Moss). For covering graves; foliage

- Acre (Golden Moss). For covering graves; foliage green; flowers bright yellow.

 Album. Green foliage, white flowers.

 Ewersii. Broad glaucous foliage with purplishpink flowers in summer; 6 inches.

 Sieboldi. Round, succulent, glaucous foliage, bright pink flowers, August and September.

 Stahli. Compact species with crimson-tinted foliage in autumn Stahli. Compact species with crimson-tinted ron-age in autumn. 25c each; \$2.50 per doz.; \$15.00 per 100. Set of 9
- sorts, \$2.00.
- SEDUM Spectabile. OUM Spectabile. Handsome rose-colored flowers in immense heads during late fall. 18 inches. 20c each; \$2.50 per doz.; \$16.00 per 100.
- SHASTA DAISY (Alaska). Large, snowy-white flowers, 4 inches across. 25c each; \$2.50 per doz.
- STOKESIA (Laevis) Cyanea (Cornflower Aster).

 Large, deep blue flowers, from August to October. 25c each; \$2.50 per doz.

 Cyanea Alba. Same as above only pure white. 25c each; \$2.50 per doz.
- SWEET WILLIAM (Dianthus Barbatus). Newport Pink. Rich salmony-rose. 20c each; \$2.00
- per doz.
- Bright Scarlet. Effective color. 20e each; \$2.00 per doz. Pure White.
- Pure White. Very large. 20c each; \$2.00 per doz. Mixed. Containing all colors. 20c each; \$2.00 per
- TRITOMA Pfitzeri (Red Hot Poker, Flame Flower, or Torch Lily). Color a rich brilliant orange; me-dium height; summer till fall. 35c each; \$3.50
- VALERIANA Officinalis (Hardy Garden Heliotrope). Old-fashioned garden Heliotrope, lavender flowers. June and July. 4 feet. 25c each; \$2.50 per
- VERONICA (Speedwell). The speedwells are mostly natives of New Zealand, flowers being of a blue shade, varying to rose and dull white. One foot, July to August. 25c each; \$2.50 per doz.; \$18.00 July to per 100.
- YUCCA (Adams Needle). The tall flower-spikes rise 4 to 5 feet, with cream-white, bell-shaped, drooping flowers in July and August.
 Filamentosa. White, with reflexed flower bells. Extra strong plants. 30c each; \$2.50 per doz.; \$20.00 per 100.

Hardy Water Lilies—Nymphæa

- ODORATA. The fragrant Pond Lily of the north-eastern United States; flowers white, 3 to 5 inches in diameter, stamens yellow; leaves dark green above, under surface deep red to reddish green; splendidly adapted for planting in quan-tity in natural ponds. Each, \$1.00; doz., \$9.50.
- MARLIACEA OHRMACTELLA. Petals and stamens bright yellow, 4 to 6 inches across. A very strong, free and continuous bloomer. Each, \$2.50.
- TUBEROSA ROSEA. Flowers an exquisite shade of pink. A vigorous grower, of the easiest culture. Each, \$1.50.

Hardy Perennial Vines

Each BOSTON IVY	Doz. \$10.00
CLEMATIS. Paniculata. White	4.50
DUTCHMAN'S PIPE	
HONEYSUCKLE	4.00
MYRTLE	3.00
PACHYSANDRA	3.00
POLYGONUM 1.50	13.50
WISTARIA	7.00

HARDY ORNAMENTAL SHRUBS FOR SPRING PLANTING

Almond—Double Flowering

See PRUNUS.

Althea, Hibiscus Syriacus (Rose of Sharon)

Admiral Dewey. Double, pure white.

Duc de Brabant. Double red.

Paeonaeflora. Double, clear pink.

Variegata. Variegated leaved; a dwarf variety with leaves margined silvery-white.

Prices of above four varieties:

Each Doz.

\$ 6.00 10,00 12.50 feet.....\$0.75

Variabilis Veitchiana. 2 year, 75c each.

Deutzia

Buddleia (Summer Lilac or Butterfly Bush)

Scabra Watereri. Beautiful single pink. Flowers in

Dogwood (Cornus)

Cornus Alba Sibirlea (Siberian Dogwood). A strong growing variety, crimson colored, branches in winter. 90c each.
Florida (White-flowering Dogwood). White flowers in spring and rich crimson foliage in autumn. Plants. 4 to 5 feet high, \$1.25 each.
Rubra (Red-flowering Dogwood). Flowers rich rosy red. Plants, 2 to 3 feet high. \$1.50 each.
Sanguinea (Red-twigged Dogwood). Crimson colored branches; especially attractive in winter. 80c each.

Crab (Bechtel Double Flowering)

Shapely, compact tree with clusters of double, soft pink, fragrant flowers. 4 to 5 ft., extra fine, \$2.00; 5 to 6 ft., \$3.50 to \$5.00; 6 to 7 ft., \$6.00 to \$5.00; 7 to 8 ft., \$8.00 to \$10.00.

Luonymus (Strawberry or Burning Bush)

Alatus (Winged Burning Bush). 2 to 3 ft., extra bushy, \$1.75; balled and burlapped, 5 to 6 ft., \$5.00 to \$7.00; 6 to 8 ft., \$8.00 to \$10.00.

Forsythia

Halesia

Halesia Tetraptera (Silver Bell or Snowdrop Tree). One of the most desirable tall shrubs, with pretty bell-shaped snowdrop-like white flowers in May.

Hydrangea

Paniculata. Larger growing bush than the well known Grandiflora, and blooms a month later; buds do not all open. Height, 12 feet. 2-ft. plants 90c each; \$9.00 per doz.

Paniculata Grandiflora. The well known hardy Hydrangea. Pure white when opening, but later of a purplish-pink. \$1.00 each; \$10.00 per doz.

Japanese Quince (Cydonia Japonica)

A shrub with spreading spiny branches. Glossy leaves; flowers deep scarlet, in clusters. Quince-shaped, golden yellow fruit. 3 feet. \$1.50 each.

Lilacs (Common Varieties)

Purple, White, Persian, White Persian. 2 feet. 75c each; 86.50 per doz. Vilosa (S. Villosa). Color light pink. Valuable for late blooming. 2 feet. 75c each; 86.50 per doz.

Lonicera (Bush Honeysuckle)

Morrowi (Japanese Bush Honeysuckle). 2 to 3 ft., 75c; 4 to 5 ft., specimens, \$1.25.

Prunus

Prunus Japonica fl. pl. (Double-flowering Almond).
Dwarf Shrub, producing showy double flowers early in May. We can supply both white and pink.
Plants, 2 to 3 feet high, \$1.00 each.
Pissardi (Purple-leaved Plum). A dwarf Shrub, covered with single white flowers in spring; leaves are a lustrous crimson, changing to a rich purple.
Plants, 3 to 4 feet high, \$1.00 each.

Sambucus (Elder)

Sambucus Nigra Aurea (Golden Elder). One of the best yellow foliage Shrubs; color is remarkably bright. 75c each. One of the

Spirea

Anthony Waterer. Flowers scarlet-crimson, blooming profusely from June to October. Strong plants. 2 feet. 1 ft., 75c each; 86.50 per doz. 1½ ft., 81.00 each; 89.00 per doz.

Bridal Wreath (S. Prunifolia). Flowers double, white and very abundant. May. 4 feet. 2 ft., 75c each; 87.50 per doz.

St. Peter's Wreath (S. Van Houttel). It forms a round and graceful bush with arching branches which in

and graceful bush, with arching branches, which in June have beautiful white blossoms. 2 ft., 60c each; \$6.50 per doz. 3 ft., 75c each; \$7.50 per doz.

Symphoricarpos

The Coralberry, Indian Currant and Snowberry

Racemosus (Snowberry). 2 to 3 ft., 75c. Vulgaris (Coralberry or Indian Currant). 2 to 3 ft., 35c; 3 to 4 ft., bushy, \$1.00.

Syringa (Philadelphus)

Golden (P. Coronarius Foliis Aureis). A graceful variety, with bright yellow foliage. Height, 5 feet. 1½ ft., \$1.25 each; \$12.00 per doz.

Mock Orange (P. Coronarius). Shrub with upright branches; pure white, fragrant flowers are produced in clusters in June; foliage dark green. 6 feet. 3 ft., 75c each; \$7.50 per doz.

Large-flowered Mock Orange (P. Grandiflora). A vigorous, upright variety, with large showy flowers in June; it grows rapidly. Height 12 feet. 3 ft., 75c each; \$7.50 per doz.

Lamarix

Tamarix Hispida Aestivalis. Delicate soft pink flowers in July and August. 75c each.
Indica. Very strong-growing, with feathery plumes of pale pink flowers in late summer and autumn. 75c each.

Viburnum (Snowball)

European High Bush Cranberry (V. Opulus). Red berries resembling cranberries remain until early winter. Height, 12 feet. 2 ft., 75c; 3 ft., \$1.00; winter. Height, 4 ft., \$1.25 each.

Weigela

Candida. Flowers pure white. \$1.00 each; \$10.00 per doz. Rosea. Pink flowers in June. Height, 6 feet. 2 ft., \$5c each; \$8.50 per doz.

Hedge Plants

PRIVET, California (Ovalifolium). Plant 10 to 15 inches apart in double rows, alternating the plants. 18 to 24 inches high, 2-yr. plants, \$6.50 per 100; \$60.00 per 1000.

per 100; \$60.00 per 1000.

BARBERRY, Berberis Thunbergi. Of low, dense growth. Requires but little pruning. Leaves bright green. The branches in the fall are covered with bright red berries. Plant 8 to 12 inches apart in single rows. 12 to 18 inches high; heavy, 55c each; \$5.50 per doz.; \$42.00 per 100. 18 to 24 inches high, heavy, 95c each; \$7.50 per 100. per doz.; \$55.00 per 100,



Johnson's Superb Named Gladioli

This is one of the best of the Summer-flowering bulbs. It is a flower anyone can grow, and is lovely enough to satisfy the most exacting. There is no limit to the range of color—pink, scarlet, crimson, yellow, white and a host of other colors.

Nothing is finer for vases than a bunch of Gladioli. The flowers will last for days, and the buds develop into blossoms after being cut.

Write for prices on Gladioli in lots of one thousand or more. We will carry in stock many varieties which we have not room to describe here.

GLADIOLUS CULTURE. Free on request, with any order.

AMERICA. Beautiful soft pink. The individual flowers are very large and massive. Doz., 60c; 100, \$4.00.

ANNA EBERIUS. Dark velvety plum rose, throat deeper shade. Each, 20c; doz., \$1.50; 100, \$14.00.

AUGUSTA. One of the most popular varieties for cutting. Doz., 75e; 100, \$5.00.

BARON HULOT (Blue King). Good sized flower, well arranged on straight spikes. Dark violet bordering on blue. Each, 15c; doz., \$1.25; 100, \$9.00.

CHICAGO WHITE. Pure white with crimson carmine on midribs of three lower petals. Each, 10c; doz., \$1.00; 100, \$6.00.

EVELYN KIRTLAND. Beautiful shade of rosy-pink, darker at the edges, fading to shell-pink at center, with brilliant scarlet blotches on lower petals. Each, 15c; Doz., \$1.50; 100, \$10.00.

FLORA. Beautiful deep golden-yellow. Each, 20c; doz., \$2.00; 100, \$15.00.

HALLEY. Delicate salmon pink, with a slight rosy tinge. Lower petals have a creamy blotch with a bright red stripe in center. Each, 10c; doz., \$1.00; 100, \$6.00.

HERADA. Blooms of immense size on tall straight spikes. Color, pure mauve, glistening and clear. Each, 20c; doz., \$2.00; 100, \$15.00.

KUNDERDI GLORY. A delicate cream pink, each lower petal having an attractive crimson stripe through the center. Prettily ruffled and fluted. Each, 15c; doz., \$1.50; 100, \$10.00.

L'IMMACULEE. Pure white. Each, 15c; doz., \$1.50; 100, \$10.00.

LE MARECHAL FOCH. Very delicate pink with enormous wide open flowers—very early. Each, 15c; doz., \$1.50; 100, \$10.00.

LOVELINESS. A clear creamy white, slightly suffused, apricot in the throat. Each, 20c; doz., \$1.75; 100, \$14.00.

MRS. DR. NORTON. White, the edges suffused with soft La France pink. Each, 25c; doz., \$2.50.

MRS. FRANCIS KING. Its color is a light scarlet, very large flowers, usually measuring from 2½ to 4 inches in diameter. Eah, 10c; doz., 75c; 100, \$5.00.

MRS. FRANK PENDLETON. Salmon pink with a very conspicuous blood-red blotch in the throat on the lower petals. Very strong, growing from four to six feet. Each, 15c; doz., \$1.25; 100, \$7.50.

NIAGARA. A delightful cream shade with the two lower inside petals or segments blending to canary yellow. Each, 10c; doz., \$1.00; 100, \$8.00.

PANAMA. Improvement on the original America, being a somewhat deeper pink. Each, 10c; doz., \$1.00; 100, \$8.00.

PEACE. A beautiful white, while interior petals are feathered pale lilac. Each, 15c; doz., \$1.25; 100, \$9.00.

PINK PERFECTION. Beautiful shade of apple blossom pink. Each, 20c; doz., \$1.75; 100, \$12.00.

PRINCE OF WALES. Delicate salmon rose. Each, 15c; doz., \$1.50.

PRINCEPS. Brilliant scarlet-crimson, white blotch on lower petals. Each, 15c; doz., \$1.50; 100, \$10.00.

SCHWABEN. The flowers are a pure canary yellow, shading to a sort of sulphur yellow when opening. Each, 15c; doz., \$1.25; 100, \$8.00.

SULPHUR KING. It produces a very long spike of beautiful clear sulphur yellow. Each, 25c; doz., \$2.50.

WAR. Deep blood-red shaded crimson-black; very tall and conspicuous. Try it. Each, 15c; doz., \$1.25; 100, \$9.00.

WILLY WIGWAM. Blush white, dark blotch, fine form. Each, 10c; doz., \$1.00; 100, \$8.00.

JOHNSON'S BLUE RIBBON MIXTURE. Wonderful colorings are to be found in this assortment of varieties made up from the choice named sorts we list. We believe the mixture is unexcelled. All are of the best blooming size and are first quality bulbs in every respect. We cannot recommend it too highly. Doz., 60c; 100, \$4.50; 1000, \$40.00.

New and Rare Primulinus Hybrids

Primulinus Hybrids are distinguished mainly for their fine and various shades of yellow, orange, and saffron tones. The flowers are borne on graceful stems and when cut are of splendid decorative value.

ALICE TIPLADY. A grand, large Primulinus of the most beautiful orange saffron. Very choice. Each, 25c; doz., \$1.50; 100, \$10.00.

MAIDEN'S BLUSH (Hybrid). Exquisite blush-pink; flowers finely formed on long straight stems. Each, 15c; doz., \$1.50; 100, \$10.00.

SOUVENIR (Hybrid). Pure canary-yellow; early, good forcer. Each, 30c; doz., \$3.00; 100, \$20.00.

PRIMULINUS HYBRIDS. Most pleasing self colors that vary from pale yellow to bright salmon, apricot, and light scarlet. These graceful flowers are of medium size, of a distinct hooded style and with prominent veinings on the petals. Mixed colors only. Doz., S5c; 100, \$6.00; 1000, \$55.00.

DAHLIAS

We have selected the best of each class. Price quoted includes free delivery. Because one Dahlia costs a great deal more than another, does not necessarily mean that it is a better Dahlia, but that it is scarcer. Some of the finest Dahlias are low-priced because they are plentiful.

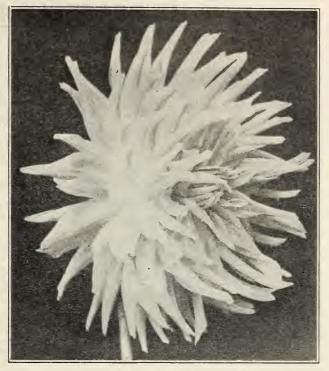
We offer the following very carefully selected list of Dahlias. After careful trials by a Dahlia expert, we are sure all will be found highly satisfactory in every respect.

Cactus Type

- ATTRACTION. Entirely distinct. Immense formal flowers with broad petals coming abruptly to a point; color a beautiful lilacmauve. 75c each; 6 for \$4.00.
- COUNTESS OF LONSDALE. A pleasing blending of salmon-pink and amber, a color difficult to describe. Each, 30c; doz., \$3.00.
- KALIF. Color vivid turkey red. 50c each; \$4.50 per doz.
- LAWINE. Pure white, with a suggestion of blush at center. 25c each; \$2.50 per doz.
- STANDARD BEARER. Bright pure scarlet. Flowers large, thick and full to center; of symmetrical and perfectly round form, petals semi-quilled. 35c each; \$3.00 per doz.
- SEQUOIA. Large, golden bronze; fine form, long stiff stems. Each, 35c; doz., \$3.00.

Show Type

- MRS. WELLESLEY. Creamy white, heavily tipped solferino and crimson. Each, 25c; doz., \$2.50.
- MAUDE ADAMS. Very dainty; white, with a slight lavender suffusion. Each, 35c; doz., \$3.50.
- A. D. LIVONI. Warm, rose-pink; perfect flowers, with quilled petals which nearly overlap at the ends. Each, 25c; doz., \$2.50.
- CUBAN GIANT (Giant). Flowers 6 to 7 inches in diameter, dark, glowing crimson-shaded maroon. Each, 30c; doz., \$3.00.
- PURPLE PENELOPE. Fine purple Penelope (variegated). Each, 25c; doz., \$2.50.
- RED HUSSAR. Tall, bushy, upright; a handsome landscape variety. Of rigidly formal show type; its medium sized flowers gleam like rubies at pleasing intervals, above a setting of very dark green, crinkled foliage; unrivalled among its fellows. Each, 25c; doz., \$2.50.
- C. W. BRUTON. Clear yellow, large flower; sturdy habit. Each, 25e; doz., \$2.50.
- PRINCESS VICTORIA. Large, round, fully quilled flowers of perfect form and soft, rich yellow color. Each, 25c; doz., \$2.50.
- SNOWBALL. Blush white, bell-shaped, borne on strong stem. Each, 35c; doz., \$3.00.
- VARIEGATED RED AND YELLOW. Name speaks for itself. Each, 20c; doz., \$2.00.



Cactus Dahlia-"Attraction"

Decorative Type

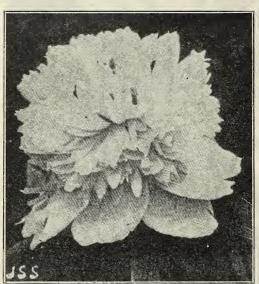
- JACK ROSE. Brilliant crimson red, similar in shade to the popular "Jack" Rose. Each, 35c; doz., \$3.00.
- DELICE. A warm tone of lilaceous pink, overlaid with white. Each, 25c; doz., \$2.50.
- HENRY PATRICK. Very fine white, tall growing, profuse flowerer. Each, 50c.
- BONNIE BLUE. The nearest approach to a blue Dahlia. Each, 50c; doz., \$4.50.
- ELDORADO. Rich yellow. Each, 30c; doz., \$3.00.
- EVENTIDE. A white Dahlia with faint flush of delicate rose on the edge of the flower. Each, 50c; doz., \$5.00.
- THOMPSON. Very large, full petaled, somewhat recurved; brilliant scarlet. Each, 25c; doz., \$2.50.
- WILLIAM AGNEW. Rich, dazzling carmine-red. Each, 35c; doz., \$3.00.
- SYLVIA. Soft, pleasing mauve-pink, changing to white in the center; a fine cut flower. Each, 35c; doz., \$3.00.
- REMINGTON. A fine shade of light pink; free bloomer. Each, 25c; doz., \$2.50.
- BLACK BEAUTY. Very deep maroon, nearly black. Each, 35c; doz., \$3.00.

Single Type

- WILD FIRE. Growth tall and compact, with ornamental foliage. Flowers are round and close petaled, of fair size; intense scarlet touched at center with gold. Each, 20c; doz., \$2.00.
- FRINGED PINK CENTURY. Bright pink single flowers of good size, petals charmingly fringed. Each, 50c; doz., \$5.00.

HERBACEOUS PEONIES

Plant in good deep, rich soil so that the crown of the plant is about 2 inches below surface. Mailing weight, 16 ounces each root.



Double Herbaceous Peony

Johnson's Excelsior Double Pearl

TUBEROSES

Plant in open ground after the first day of May. If started in pots and then transplanted to open ground can be had much earlier. Mailing weight: 1 lb. per doz., 5 lbs. per 100. Parcel Post Rates, see page 3.

MAMMOTH BULBS

Mammoth Excelsior Dwarf Pearl Tuberoses. This mammoth strain is positively the highest type of Tuberoses. The kind to grow if you desire prize blooms. Prices: 15c each; \$1.50 per doz.; \$8.00 per 100.

irst Size Bulbs. These are choice, selected stock, free flowering, which are borne on long stout stems. Prices: 10c each; \$1.00 per doz.; \$7.00 per 100.

Caladiums

Esculentum (Elephant-ear). Unequaled as a foliage plant. The leaves are shield-shaped, bright green, often measuring 3 feet or more in length and breadth. Need very rich soil and an abundance of water. Extra Large. 11 to 12 inches in circumference. 40c each; \$4.00 per doz. First Size. 9 to 11 inches in circumference. 30c each; \$2.75 per doz.; \$17.50 per 100. Second Size. 7 to 9 inches in circumference. 15c each; \$1.50 per doz.; \$10.50 per 100. Third Size. 5 to 7 inches in circumference. 10c each; 90c per doz.; \$7.50 per 100.

Cinnamon Vine

Hardy climber with dark green foliage, and bearing a profusion of small white flowers of delicious fragrance. 15c each; \$1.50 per doz.

Madeira Vine

A rapid-growing climber, bearing graceful racemes of fragrant white flowers; of great value for covering porches and arbors. 15c each; \$1.50 per doz.

Albatre. Large, compact, globular rose type. Petals edged milk-white with the fine line of lilac. Strong grower and free bloomer. \$1.00 each; \$10.00 per doz. Dorchester. Large, compact rose type; pale pink; fragrant. Free bloomer. Dwarf. 75c each; \$7.50 per doz. Duchesse de Nemours. Medium size. Sulphur-white. Free bloomer and strong grower. 75c each; \$7.00 per doz. Edulis Superba. Deep rose-pink with lighter shadings. The earliest variety in our collection. 75c each: \$7.50 per doz.

The earliest variety in our collection.

per doz.

per uoz. Eugenie Verdier. Pale hydrangea-pink flecked with crim-son. \$1.25 each; \$12.00 per doz. Felix Crousse. Large; globular; brilliant red. Free bloomer. One of the best red Peonies. \$1.00 each; \$10.00 per doz.

per doz.
Festiva Maxima. Very large; white. Vigorous grower.
One of the best whites. 75c each; \$7.50 per doz.
Golden Harvest. Peach-blossom pink with creamy-white center. \$1.00 each; \$10.00 per doz.

Jeanne d'Arc. A choice variety notable for the exquisite perfume and other good cutting qualities. Guards pale lilac-pink, with full tufted center of sulphur-white.
\$1.00 each; \$7.50 per doz.

La Tulipe. Very large globular flesh-pink, shading to ivory-white; center petals tipped carmine. \$1.00 each;

ivory-white; center petals tipped carmine. \$1.00 each;

\$10.00 per doz.

Mme. de Verneville. Broad sulphur-white guard petals and compact white center; touched carmine. \$1.00 each; \$10.00 per doz.

Mnie. Ducci. A very perfectly formed globular flower of a bright silvery pink, with salmon shadings and silvery reflex. \$1.00 each; \$10.00 per doz.

Mlle. Leonie Calot. Delicate rose with filac-pink center. Good grower. Medium tall. 75c each; \$7.50 per doz. Richardson's Rubra Superba. Deep carmine or crimson. Fragrant. Good grower. Very late. \$1.00 each; \$10.00 per doz.

Large Flowering Cannas

Canna tubers should not be put into the ground until the soil has become warm. They commence blooming in June and continue until late in September. Every shoot bears a flower, and these shoots are being constantly produced throughout the season.

All varieties, except where noted, 15c each; \$1.50 per doz.; \$12.00 per 100. Mailing weight, 3 oz. each; 2 lbs., per doz.

ALLEMANIA. Rich red, yellow border. Height 5 feet. CANDELABRA. A fine new variety. 4 ft. Three to five flower branches on each stalk at one time is the average, and every single branch is ablaze with a torch-like flame of orange-scarlet bloom. 50c each; \$4.00 per doz.

TITY OF PORTLAND. 3½ feet. Distinct among the several really worth-while pink Cannas. A deep pink which does not fade during the hot weather. A free bloomer, with flowers borne well above the foliage. 30c each; \$3.00 per doz., \$18.00 per 100. CITY OF PORTLAND.

DUKE OF MARLBORO. An attractive deep brilliant crimson. 4 feet.

EUREKA. The best white for massing, very free and of fine habit. 4½ feet. 20c each; \$2.00 per doz.; per 100, \$16.00.

ING HUMBERT. Bronze foliage. Flowers of a liant orange-scarlet, with bright red markings. KING HUMBERT. Flowers of a a bril-5 feet.

YELLOW KING HUMBERT. Foliage dark green. Flowers a deep rich yellow, spotted and blotched with bright red.

ING MIDAS. 5 ft. Very large flowers of glittering gamboge-yellow. An outstanding variety, making glorious trusses on stems as straight as an arrow. A true Canna aristocrat. 75c each; \$6.00 per doz. KING MIDAS.

Canna aristocrat. 75c each; \$6.00 per doz.

MADAME CROZY. Vermilion with gold border, 3½ feet. QUEEN CHARLOTTE. Rich pomegranate-red, bordered with golden yellow. 3 feet.

KARL MERCK. Beautiful golden yellow. 41/2 feet.

WABASH. Rosy-pink flowers. Foliage rich reddish-bronze. 4 feet. 35c each; \$3.50 per doz.; per 100, \$25.00. VENUS. Color soft rosy-pink, with a mottled border of creamy-yellow. 4 feet.

WINTZER'S COLOSSAL. Canna. Vivid scarlet. 5 feet. The largest-flowered

WYOMING. Brilliant orange. Purplish-bronze foliage.

JOHNSON'S SELECT SMALL FRUITS

At the prices we quote we do not guarantee nursery stock, and will make no replacements. We deliver stock in good condition, and therefore cannot be responsible for improper planting nor adverse growing conditions.

Five Luscious Strawberries

A selection of perfect flowering, well-tried standard sorts, which combine in the highest degree all the qualities looked for in high-grade berries, and no amateur will go wrong in limiting his plantings to the sorts here offered.

Big Joe (Mid-season). The plant is unusually vig-orous; the fruit is large, of exquisite flavor, and produced freely on strong stems held well above the ground.

Gandy's Prize (Late). The standard late variety, which has held its own for many years. The berries are borne on long, strong stalks, well above the ground.

Premier (Very Early). The berries are large, beautifully formed and bright red all the way through.

Dunlap (Mid-season). The fruit is bright red with a glossy finish shading to a deep scarlet on the underside.

Filliam Belt (Early). The plant is a vigorous grower, succeeds upon almost all soils, invariably yields heavily, and the berries are always of large size and highest quality, its flesh is solid and William Belt (Early). deep crimson in color.

Any of the above varieties in strong layer s. 35c per doz.; \$2.00 per 100; \$15.00 per 1000.

Autumn-Fruiting or Everbearing

The Everbearing Strawberries have now become just as important a part of the garden as the standard early fruiting varieties.

Price: Either of the Everbearing varieties, 50c per doz.; \$2.50 per 100; \$20.00 per 1000.

Progressive. The most prolific fruiting of this type; berries of fair size and produced in great abundance; they are of an attractive deep, glossy crimson color and of good flavor.

iperb. The fruit is very large, glossy dark red color, particularly firm and of choicest quality. The Superb is the largest Fall Strawberry.

The Strawberry plants offered on this page Layer Plants, and are for Spring Delivery. F grown Plants will be ready in August.

Five Best Hardy Grapes

Catawba. Red, sweet and rich, with pleasant musky flavor.

Concord. The most popular black grape; succeeds everywhere.

Moore's Diamond. Greenish white, with rich yellow tinge.

Moore's Early. Large, black; good quality.

Niagara. Berries large, light greenish-white; slightly ambered.

Price: Strong, selected two-year-old vines, 50c each; \$5.00 per doz.; \$35.00 per 100.

Currants

Black Naples. Large black for preserves.

Cherry. Large, red, popular sort.

Fay's Prolific. Largest and finest red.

Perfection (New). Color, red; larger than Fay an Cherry. 45c each; \$4.50 per doz.; \$34.00 per 100.

Price: 40c each; \$4.00 per doz.; \$30.00 per 100, except where noted.

Blackberries

Blackberries respond generally to good treatment. They prefer a deep soil, inclining to sand, but will grow and fruit almost anywhere.

El Dorado. One of the best, large, sweet and tender; very hardy.

Snyder. One of the oldest and still one of the most popular.

Price: \$1.00 per doz.; \$7.00 per 100; \$60.00 per 1000.

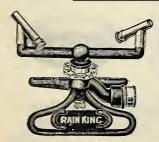
Raspberries

Raspberries will succeed in any soil that will grow good corn. For best results the old wood should be cut just as soon as the crop has been gathered. Cumberland. A large black cap of exceedingly fine

quality. Cuthbert. Large, deep, rich crimson.

Price: \$1.00 per doz.; \$7.00 per 100; \$60.00 per 1000.

LAWN SPRINKLERS AND NOZZLES



STANDARD RAIN KING. Waters the largest lawns or the smallest corners, strips, and odd shaped places. Sprinkles in two directions at once or concentrates wherever water is want-Gives a gentle mist, a soaking downpour or light shower—all at instant com-mand. Weight, 3 lbs. Price, each, \$3.50; postpaid, \$3.75.

GIANT RAIN KING. This is the Giant among Sprinklers, both build and performance.

> Quality-built like Standard Rain King, but with 4 sprinkler arms. Beautifully finished in green enamel with attractive brass fittings. Weight, 19 lbs. Price. each, \$12.50.

Giant Rain King



ALLEN NOZZLE. Heavy brass nozzle giving spray, straight stream, and positive shut-off. Spray formed in barrel of nozzle and full circle— spray guaranteed. Mailing weight, 1 lb. Each, \$1.00.



RAIN KING HOSE NOZZLE. is the only hose nozzle without moving parts to wear, clog, or give trouble. The different sprays are obtained by a new and unique principle. Weight, 10 oz. Price, each, \$1.50; postpaid, \$1.65.

Miscellaneous Garden Requisites

APRONS, GARDENERS' RUBBER. Heavy, \$2.50. Lighter weight rubber (1 lb.), \$1.25.



ASPARAGUS KNIFE or LAWN WEEDER. forged blade. Birch handle, 15 inches forged blade. Birch h Weight, 1 lb. Each, 65c. inches long.

BELLOWS.

Sulphur. For applying sulphur, Hellebore, etc., to plants. Price, \$4.00.

Woodason's Double Cone Powder. For dusting plants with dry powders for insects and fungus. The best article eyer invented for destroying insects in conservatory, garden, orchard or field.

Woodason's Single Cone. Large size, Price, \$4.75; small size (for conservatory and home use). Price,

DIBBLE. Iron more at 65c. Iron handle; steel point. Each, 75c; 5 or

FLOWER POTS. (See

FORKS, POTATO DIG-GING or MANURE GING or MA DRAG. 4 tines. Each, \$1.50.

Potato Fork or Manure Drag

FORKS, MANURE. Strapped ferrules. 6 tines. Each,



FORKS, SPADING. All steel with strapped ferrules. Each, \$2.00.

GARDEN LINE. White, glazed. Superior to Italian Hemp garden line. 48 feet weighs 6 ounces. 48 feet, 75c.

GARDEN LINE REELS. With Stake. \$2.50.

GLASS CUTTER. No. 1, Turret Head, Tested. (4 oz.) Each, 50c.

GLASS CUTTER. Red devil. Each, 25c postpaid.

"PEERLESS" GLAZING POINT. (Improved Price, per 1,000, 75c; postpaid, 90c. 5,000, \$3.50, by express

GRAFTING WAX. 1/4 lb., 30c; 1/2 lb., 45c; lb., 65c.

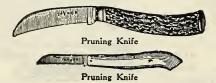
GRASS EDGER. AMERICAN. 9-inch blade. \$1.50.

HANGING BASKETS. Galvanized wire. S inch, 35c; 10 inch, 45c; 12 inch, 60c; 14 inch, 75c; 16 inch, 85c.

and 10 inch, 90c; 7 and 8 inch, 75c; 6 inch....

Warren. Heartshaped Hoe; 5 foot handle.....

HOTBED SASH. Unglazed. Four rows glass 8x10 inches square. Each, \$3.50. Cypress, knock down, five for \$17.00.



KNIVES, BUDDING. Saynor's. One blade straight or curved. Each, \$4.25.

KNIVES, PRUNING. Field's Staghorn handle .- Each, \$2.75.

KNIVES, PRUNING. Ivory handle. Each, \$1.00.

KNIVES, PROPAGATING. Ivory handle. Each, \$1.00.



PLANT AND POT LABELS. Mark your plants and know the particulars about them.

Simplex. Slide transparent cover to one side, mark with ordinary lead pencil. Replace cover, pass wire through both holes and attach.

	Inclu	iding Copper	Wires for A	Attaching:	
-					100
10.	1-3x ½	inches		\$0.35	\$2.50
ω.	2-4X 74	menes		70	4.50



For glazing greenhouses, hotbeds, sash, etc., better than putty, does not crack, always remains soft. Per gallon, \$2.75.

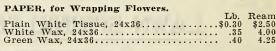
MACHINE. For a (Weight, 1½ pounds). MASTICA applying

MOSS, LOG, GREEN. Per bag, \$3.00.

MOSS, SPHAGNUM, DRIED. Bale, \$3.00; 5 bales, \$13.75.

MOLE TRAP, THE REDDICK. A power-n lawns; ful trap used principally on lawns; easily set. Made of galvanized iron. It will catch moles when they are quite deep in the ground. As the points of the pins are constantly in the ground, they cannot injure domestic animals. Each, \$1.25; per doz., \$11.00.

OSMUNDINE FIBRE. Us Orchids. Per bag, \$3.50. Used for potting







Flower Pots and Saucers

Clay Flower Pot

11	CLAY F	LOWEF	l POTS	. Pric	ees for
11	Standar	d, Low	or Azal	lea Styl	es.
	Size	Each	Doz.	100	1000
	2 inch.	. \$0.05	\$ 0.35	\$ 1.75	\$ 14.25
100	2½ inch.	05	.40	2.00	18.00
C 3	3 inch.	05	.50	2.75	25.00
	4 inch.	07	.70	5.00	35.00
	4 inch. 5 inch.	10	1.10	7.50	66.00
A CONTRACTOR	6 inch.	20	1.60	11.00	100.00
	7 inch.	25	2.75	18.00	
	8 inch. 9 inch.	40	3.75	25.00	
	9 inch.	60	5.50	40.50	
Neponset	10 inch.	75	7.50	65.00	
Paper Pot	12 inch.	. 1.50	15.00		

CLAY SAUCERS												
Size												
4 inch												
5 inch												
6 inch	12 .80 5.80											
7 inch	15 1.00 7.50											
8 inch	18 1.50 10.00											
9 inch												
10 inch												
11 inch												
12 inch												
14 inch												
	35-36											

per; light, clean and unbreakable. Size of water-proof pa-100 \$0.75 2½ inch\$0.15 \$ 5.50 7.20 inch 9.50 12.00inch $\frac{1.60}{2.35}$ inch .35 3.10

inch RUBBER SAUCERS. Far cheaper in the end than earthen-ware. Extremely desirable on account of being absolutely waterproof. Weight Each Each Doz.

5	inch 1	4 lb.	\$0.35	\$ 3.60
	inch 1		.37	3.90
	inch i		.40	4.20
	inch i		.42	4.50
	inch 3		.46	4.90
	inch		.50	5.30
	inch		.55	6.30
	inch		.78	8.40
			1.41	15.00
	inch			
	inch		1.62	20.00
20	inch4	lbs.	2.00	22.00

Twemlow's Old English. Semi-liquid. Per gal., \$3.25.

MASTICA. Liquid Putty. Per gal. \$3.00.

PUTTY BULB. Scollay's. Useful tool with a tube for applying liquid putty in glazing greenhouses. (Weight, 1½ lbs.) Each, \$1.50.

RAFFIA. Natural color. Lb., 45c; 5 lbs., \$2.00.

RAFFIA. Green. Lb., \$1.50.



RAKES. Wire and Steel. Wire Lawn or Grass. Heavy tinned steel, reversible. 24 teeth, 85c; 36 teeth, \$1.25.

Lawn and Garden. Made of the best cast steel. 12 teeth, \$1.10; 14 teeth, \$1.25; 16 teeth, \$1.40.

Steel Bow Rakes. 12 teeth, \$1.10; 14 teeth, \$1.20; 16 teeth, \$1.30.

RAKES. Wooden.

Ole Olsen Lawn Rake. Has 26 wooden teeth. Head is slightly curved. Hickory wood, \$1.40.

Automatic Lawn Rake. Self cleaning. Made of hard wood; 26 teeth, \$1.75; 38 teeth, \$2.25.

Ames Wooden Rakes. 24 teeth, steel bows. Each, \$1.40.

Pruning Saws



o. 111. Malleable iron handle. 10 inch blade; adjustable. 2 lbs. Each, \$2.50.
o. 10. Pole saw. Socket handle. Adjustable blade.
Without pole. 2 lbs. Each, \$2.50.

No. 25. Flat steel frame. Beech handle. Blued steel blade. 14 inch blade. 2 lbs. Each, \$2.25.

No. 11. For sawing by hand or attached to a pole. Adjustable for different angles. 2 lbs. Each, \$2.00. York State Pruner. Beech handle, Narr blade 20 inches long. 2 lbs. Each, \$2.50. Narrow steel

Shears—Pruning, Hedge, Border

SHEARS, LOPPING. Rhodes' Double Cut Wood Handled Pruner. The most powerful pruner made. Made in three lengths, 20 inch, 26 inch and 30 inch. Each, any length, \$5.00. Shipping weight about 5

SHEARS, PRUNING. Wiss Jr. No. 209. An extra fine quality shear, made of the best steel. \$1.50 each.

SHEARS, PRUNING. Wiss No. 109. The very best shear made. Each, \$4.50.



SHEARS, HEDGE. No. 101. Notched with knife edge for cutting heavy growth. Each, 8 inch, \$3.00; 9 inch, \$3.50.

SHEARS, BORDER. No. 104. Without wheel. Forged solid steel. 36 inch handles. Each, 8 inch, \$6.00; 9 inch, \$6.50; 10 inch, \$7.00.

SHEARS, BORDER. No. 105. With wheel. Forged solid steel, 36 inch handles. Each, 8 inch, \$6.50; 9 inch, \$6.75; 10 inch, \$7.25.



Grass Border Shears. No. 105

CLYDE TREE PRUNERS. With removable cutting blade and pole complete.

		Ea \$2	.25	feet	
	Bl			 Prun	

SHOVELS. Dennis, solid steel, square or round point, D handle. Each, \$2.50.

SICKLES, for GRASS, No. 1, each, 75c. No. 75, each, 60c. No. 5, each, 45c. SIEVES. Any size mesh; made to order. Extra heavy, 18 inch, \$3.00. SILKALINE. For stringing smilax,

etc. Spool, 35c; 8 spools, \$2.50. SPADES, STEEL. Best. Each, \$2.00. SPADING FORK. Best steel. Each,

SPRINKLER, SCOLLAY'S RUBBER. Each, \$1.50.

SYRINGES, BRASS GREENHOUSE. No. 11. One stream, two sprays. Each, \$6.50.



Plant Stakes and Supports

STAKES, JAPANESE GREEN CANE

																P	er do	z.	P	er	100)
1 1/2	feet	 	 												 		\$0.20)		\$	1.00)
2	feet	 	 												 		.25	,			1.25	
	feet																				2.00	•
1	feet	 	 						٠	٠.		٠.					.45			2	2.75	,
nn.				 TT	3 6		-	-	T	7		N.T	٠.	4.	 	. 1	C	£	+	D	~~	

40c; per 100, \$2.50; per 250, \$6.00; per 1,000, \$19.00.

GREEN PAINTED ROUND PLANT STAKES 5 FT. 3 FT. TO GET. LONG 2 FT.

-											
	HEA	VY I	ROU	ND P	LANT	STA	KES.	. Sh	own .	Abov	ve
						E	lach	Per	doz.	Per	100
3	feet.	Hea	vy c	r Dal	ılia.,	\$	0.15	\$1	1.50	\$1	1.50
4	feet,	Hea	vy c	r Dal	ılia		.20	2	2.15	1	5.50
5	feet.	Hea	vy c	r Dal	ılia		.25	2	2.65	2	0.00
6	feet,	Hea	vy c	r Dal	ılia		.30	8	3.00	2	3.00
	Pare	el po	ost v	veigh	t. per	doz.	. 3 f	t 3	lbs.:	4 ft	t., 5
11	s.; 5	ft.,	7 1b:	s.; 6	ít., 9	lbs.					
*	MOOD	S.Tr	AKE	S. T	icht	Tane	ring	Ra	and	Pair	hate

wood	STAKES.			Painted
	Gre	een. Sh	own Abov	Per 100

			I CI UUZ. I	
1½ fe	et		\$0.50	\$ 2.50
2 fe	et		90	4.50
21/2 fe	et		1.00	6.00
3 fe	et		1.25	7.50
31/2 fe	et		1.40	9.50
4 fe	et		1.65	12.50
5 fe	et		2.00	15.00
Par	cel post weig	ht, per doz., 11/2	ft., 1 lb.;	2 ft.,
11/2 lk	os.; 21/2 ft., 2 1	bs.; 3 ft., 2½ lbs	s.; 31/2 ft.,	3 lbs.;
4 ft.,	4 lbs.; 5 ft., 5	lbs.		

POINTED FLORAL OR HYACINTH STAKES

Used for Staking	myacimuns, ru	mps, etc. L	yeu Green
	Price, Doz.	Price, 100	Price, 1000
12 inch	\$0.10	\$0.35	\$2.50
18 inch		.60	4.00

ADJUSTO PLANT SUPPORT Indispensable for Roses, Dahlias, Tomatoes and other plants. Stakes and wires com-

D,	ic ic.	E	ach	Doz.
3	feet	\$0		
				4.00
5	feet		.45	4.50
6	feet		.50	5.00

Plant Tubs



	Ri	ichmond	Style			
Siz	e	Diam.	Each	Size	Diam.	Each
No.	3	8 inch	\$0.90	No. 1	12 inch	\$3.40
No.	5	10 inch	1.00	No. 2	13 inch	4.00
No.	7	12 inch	1.50	No. 3	14 inch	5.50
No.	9	14 inch	2.00	No. 3½	16 inch	6.00
No.	11	16 inch	2.50	No. 4	19 inch	7.50
No.	13	18 inch	3.00	No. 5	22 inch	9.50

This is the

way you

adjust it Adiusto

TREE SCRAPERS. Best steel, 10 and 20 inch handle, \$1.50.

Thermometers

TYCOS THERMOMETERS are the best and most carefully tested Thermometers made.

No. 5154-S. Greenhouse. Black oxidize

o. 5154-S. Greenhouse. Black oxidized scale, with coppered metal case. 8 inch, each, \$1.00, postpaid. No. 5452. 8-inch japanned; self registering....\$6.50 No. 5981. Hot-Bed, or Mushroom...... 2.50

Trowels



D. S. T. STEEL SHANK TROWEL

These are somewhat long in blade and handle, making a very practical tool. 6 inch blade. Will last a lifetime. \$1.00 each. Parcel post weight, 1½ lbs.

TROWELS, GARDEN, No. T10. All steel; one piece. English. 6 inch. Each, 60c.

TROWELS, GARDEN, No. 212. Steel, 6 inch. Each,

TRANSPLANTING TROWEL. No. T25. Long, narrow steel blade. Each, 25c.

TRANSPLANTING TROWEL. No. T15. Made of heavy steel and enameled red, socket shank. 6 inch blade, 8 inch handle. English pattern. Each,

TWINE. 2-oz. sp			smilax,			
1 lb.—8	spools					2.75
Green S	sea Islai	ad Cotte	on. Sing	le bal	1	25
DISTRIBUTED	TITUDIO	9 on 9	nla Th	400.	10 lbe	at 98a

Ask for prices on larger lots.

Watering Pots

vanized iron,	
reinforced;	1 1 1 mm m m
made well and	
substantially. Each	
pot has a long	
spout, with one fine	
and one coarse rose.	
D = 1 D-44	
Round Pattern.	
6-quart\$5.75	
8-quart 6.50	
10-quart 7.00	
12-quart 7.50	
French Oval Pattern.	
6-quart\$6.00	
8-quart 6.50	
10-quart 7.25	
10 000000	

12-qua	rt		• •	٠.,			٠.	٠.	٠.	. ?	5. 5	0										
Haw's Pa	att	er	n.	E	n	rli	isl	h 9	sty	71e												
2-quart																		٠.		. 8	\$5.00)
3-quart	t.			٠.					٠.	٠.			٠.				٠.	٠.			6.00)
4-quart			٠.	٠.	٠.	٠.	٠.	٠.		٠.	٠.	٠.	٠.								6.5)
6-quart			٠.	٠.	• •	• •	٠.	٠.	٠.	٠.	٠.	• •	٠.	٠.	•		٠.	٠.	٠.	•	7.00	•
8-quart		• • •	٠.	٠.	• •	٠.	٠.	٠.	٠.	٠.	٠.	٠.	٠.	٠.	• •	•	٠.	• •	٠.	٠	8.00	,
Eureka.	В	est	h	an	d	w	ee	de	r	fo	r	100	ose	en	in	g	S	oil	a	ro	und	ŀ

plants, 1/2 lb.) Short handled. 45c. (Mailing weight,

Hazeltine. Each, 35c. (Mailing weight, 6 oz.)

Excelsior Weeding Hook. Can be used to great advantage among small and tender plants. Price, each, 15c; doz., \$1.50.

Heavy gal-



Lang's Hand Weeder. Is in our opinion the best; its special feature is a band which passes over the fingers. Price, 25c each.



edge of the blade enters and loosens the soil, pressure on the lever then causes the toothed jaw to grasp the plant. **Price, each, \$1.25.**





SPRAYERS AND DUSTERS

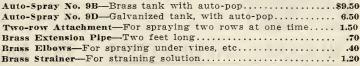
Auto-Spray No. 9—Compressed Air

The Auto-Spray No. 9 is the strongest and most simple in its working parts of any compressed air sprayer. Two pumpings of about 15 strokes on the plunger will discharge the contents under high and constant pressure. After pumping, the operator has nothing to do but direct the spray. This sprayer is equipped with a patented Non-Clogging Nozzle.

USES: For spraying trees, shrubs, vines, field crops, greenhouses and poultry houses; for applying Paris green, arsenate of lead, bordeaux, lime and sulphur emulsions, disinfectants, cattle-fly oil, whitewash, cold water paints, etc.

CONSTRUCTION: It consists of a solution tank holding 3½ gallons. The tank is made of galvanized steel or heavy sheet brass, as ordered. (We strongly recommend the Brass, because it will not corrode with strong solutions, and will last indefinitely.)

The Sprayer is carried by a shoulder strap, and will cover ten times more area in a day than can be covered with the old style



Spray No. 6

Bucket Sprayer

AUTO-SPRAY No. 6, as shown herewith is probably the most powerful bucket pump manufactured. erful bucket pump manufactured. This sprayer can easily generate a pressure of 200 lbs. The pump sprays perfectly on both the up and down strokes; 3½ feet of high-pressure %-inch hose, brass, fine spray nozzle, brass solid-stream nozzle. Mail weight, 7 pounds. Complete, \$5.50. 2 ft. Brass extension, 50c. Mail weight, one pound. weight, one pound.

Hand Sprayers



AUTO-SPRAY No. 22. (Shown above.) For all kinds of small spraying and disinfecting. This atomizer is made of heavy tin and holds one quart. Price, 60c.

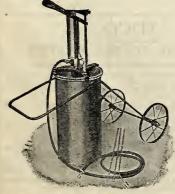
Brown Continuous Sprayer No. 26-B



Sprays fly oils and disinfectants as well as the regular spraying terials. An extra nozzle is furnished for spraying under side materials. An of the foliage.

Brown's Sprayer No. 26-B-One quart, tin pump, brass tank. Each,

Brown's Sprayer No. 23-1/2 gallon, tin pump, brass tank. Each,



Paragon Sprayer No. 3

Paragon Sprayers

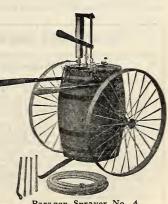
Paragon Sprayers are good in-They pay large divivestments. dends. Better and more fruit.

The Paragon Sprayer will develop a pressure of 150 to 250 pounds.

PARAGON SPRAYER No. 3 Price, \$25.00-Capacity, 12 gallons

EQUIPMENT: 10 feet Special Spray Hose, 7½ feet Extension Pipe, 1 Mist Nozzle, I Steel Cap, 1 Straight Spray Nozzle.

PARAGON SPRAYER No. 4 Price, \$39.50-Capacity, 28 Gallons EQUIPMENT: 20 feet Special Spray Hose, 10 feet Extension Pipe, 1 Mist Spray Nozzle, 1 extra Steel Cap, 1 Straight Spray.



Paragon Sprayer No. 4

PLANET JR. SEEDERS AND CULTIVATORS





No. 4. Simple, accurate seeding attachment for either hill or drill sowing, and complete single wheel hoe. A splendid all-around tool for home or small market garden. Wheel Hoe equipment; one pair of 6-inch hoes, three cultivator teeth, one garden plow, leaf-guard, and marker.

No. 25. With No. 25 two acres a day can easily be worked, and when it is done, it will be a better job than several men could have done in the same time with hand hoes.

No. 3. 15-inch Wheel. Holds 3 quarts. A popular size Seeder for both large and small gardens. Wellmade, accurate, easily operated, quickly changed from one kind of seed to another.

No. 17. The most useful tool in the small garden. Lighter than Double Wheel Hoes, easy to operate and does splendid work. Equipment: One pair of 6-inch hoes, three cultivator teeth, one large garden plow.

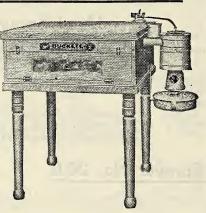
No. 12. The most popular Double Wheel Hoe made. Can be quickly changed to Single Wheel Hoe if desired. Equipment: One pair of 6-inch hoes, four cultivator teeth, 1 pair plows, 2 leaf-lifters.



BUCKEYE INCUBATORS

NO PRE-VIOUS EX-PERIENCE NECES-SARY

It is not necessary to have any previous experience to operate Buckeye. The entire Buckeye system is so simple that a boy or girl can operate it as satisfactorily as an experienced operator.

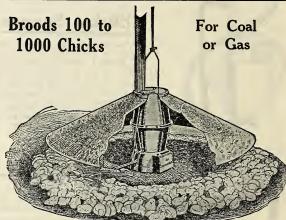


BUCKEYE "STYLE E" INCUBATOR (Shown Above)

No.	14.	Capacity,	65	eggsPrice	, \$16.50
No.	16.	Capacity,	120	eggsPrice	27.50
No.	17.	Capacity,	210	eggsPrice	36.75

Ask for illustrated Buckeye catalog.

The Buckeye Colony Brooder



FOR HARD OR SOFT COAL

No. 18 Buckeye Standard Brooder-Capacity 500	004
chicks No. 19 Buckeye Standard Brooder—Capacity 1000	\$21.5
chicks	26.

No. 25 Buckeye Standard Brooder-Capacity 1200 chicks

Granulated Imported Peat

Used for Top Dressing on Lawns and for Mulching Bulbs. Shrubs and Roses

Granulated Peat Moss. Is used with good results in flower and vegetable beds, around bush fruits, vines, shrubs, hedges and under fruit and ornamental trees. Peat Moss stimulates the development of roots of all plants, which results in a quickened growth, because of the improved water and air supply. Highly recommended for top dressing on lawns as its use guarantees a soil that is light and friable, has good drainage and will not crust or bake after watering. Established lawns should be covered ½ inch deep with Granulated Peat Moss in the late Fall. It will almost disappear by Spring. If the Fall covering has been omitted cover lightly in the Spring and occasionally during the growlightly in the Spring and occasionally during the growing season. It soon works in about the grass roots. Large bale, about 190 lbs. (covers 240 square feet 1 inch deep), \$5.00.

ADCO

30.00

ARTIFICIAL STABLE MANURE

Make It Yourself-In Your Own Garden

Every bit of non-woody refuse that comes from your garden—cuttings, leaves, vines, etc.—should be mixed with "ADCO," kept moist and thus converted into highgrade manure.

It is very simple and not a bit laborious and every garden needs manure.

PRICES

JOHNSON'S HIGH GRADE FERTILIZERS

Two Good Fertilizers for Your Lawn and Garden

ALL PRICES COVER CITY DELIVERY

Pulverized Sheep Manure

FREE OF WEEDS

VERIZED

This is a pure natural manure and one of the most nutritious foods for plants. It is very rich, safe, and gives quick results. It will give excellent results on flower beds, lawns or in vegetable gardens. Can be used either in dry form or dissolved to make a liquid manure. If applied dry, no raking off is required as it does not disfigure the grounds, nor does it contain seeds of foul weeds, nor offensive odor. For the garden, lawn or greenhouse nothing surpasses it; it is clean and easily handled, besides giving immediate results. easily handle

Prices Delivered in Cleveland

1 lb	\$0.15	50	lbs\$ 2.00
2 lbs	.20	100	lbs 3.50
5 lbs	.35	500	lbs 15.00
10 lbs		1000	lbs 26.00
		2000	lbs 50.00
20 100			

Is Your Soil Sour?

AGRICULTURAL HYDRATED LIME. It supplies the element calcium to plants; it makes "sour soil sweet," changes an acid condition to a slightly alkaline one; it has the power to shrink clay and adobe soils, making a larger number of crumbs from a sticky mass; it prevents packing, baking and cracking, makes cultivating easier; it promotes the normal decay of organic matter in the soil. It destroys fungus and the germs of insect life that infest the soil. Use one-half less than other forms of lime. In sacks weighing 50 lbs. per sack, \$1.50; 2 sacks (100 lbs.), \$2.50. Delivered anywhere in the city. Write for prices on ton lots.

NITRATE OF SODA. Break up the lumps before using. Apply in the home garden as a solution one ounce to two gallons of water. For asparagus use 250 lbs. per acre when growth starts. For strawberries top dress with 100 lbs. per acre just after blossoming. For other crops use 100 lbs. per acre when the plants are well established. Lb., 25c; 5 lbs., 75c; 25 lbs., \$2.50; 50 lbs., \$4.00; 100 lbs., \$6.50. Write for prices on larger quantities.

86.50. Write for prices on larger quantities.

BONE AND BLOOD. For cabbage, cauliflower, corn and other crops of big surface growth; not desirable for root crops except as it is used in connection with potash, or hardwood ashes, and if so used it is especially adapted to fruits, if applied early. For garden crops use 300 to 500 lbs., per acre. 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$5.50; 500 lbs., \$25.00; 1000 lbs., \$45.00; 2000 lbs., \$80.00.

PURE CRACKED BONE. For grape vines, fruit trees, shrubs and trees of all kinds. Should be used when planting out and should be well mixed with the soil to the depth of a foot or more. 5 lbs., 75c; 25 lbs., \$2.50; 100 lbs., \$8.50; 1/4 ton, \$35.00; 1/2 ton, \$65.00; ton price on application.

CLAY'S FERTILIZER. This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them back to the highest perfection. It should also be used in potting soil as a top dressing. 28 lbs., \$5.00; 56 lbs., \$8.50; 112 lbs., \$15.50.

the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms. 5 lbs., \$1.25; 10 lbs., \$2.00; (14 cwt.) 28 lbs., \$3.25; (1/2 cwt.) 56 lbs., \$5.00; (1 cwt.) 112 lbs., \$5.50.

LEAF MOLD. Indispensable for azaleas, rhododendrons, etc. In sacks of about 120 lbs., \$3.00 per 100 lbs.

Bone Meal

JOHNSON'S SUPERIOR BRAND

Stable dressing is unpleasant to handle and always contains more or less weed seeds. There are no weed seeds in this fertilizer. It will impart to your lawn that much desired dark green and velvety appearance. Should be applied as a top dressing either in spring or fall. Unusually rich in nitrogen and phosphoric acid, the two principal plant foods.

Prices Delivered in Cleveland

5 lbs	\$0.40	100	lbs	\$ 4.00
10 lbs	65	200	lbs	7.50
25 lbs				35.00
50 lbs	2.25	2000	1bs	60.00

Vigoro Odorless Plant Food

For Lawns, Gardens, Flowers, Shrubbery, Trees

Vigoro is specially prepared to supply growing things with all of the plant food elements needed for rapid, sturdy, and luxuriant growth. Vigoro is odorless, clean, and easy to apply. It can be sown by hand like grass seed. 100-lb. bag, \$5.00; 50-lb. bag, \$3.00; 25-lb. bag, \$1.75; 5-lb. pkg., 50c.

Grasselli Odorless Plant Food

You can stimulate the growth and bring out the latent beauty of your trees, shrubs, grass and flowers with this splendid plant food. It makes them grow like magic, promotes the development of a good root system and strengthens the plant fibres. One hundred pounds can be used to advantage on the lawns, shrubs and garden of a fifty-foot lot. Its use will pay big dividends. 5 lbs., 50c; 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.00.

COW or CATTLE MANURE (Shredded). One sack of this is equal to one cart-load of fresh cow manure. Especially suited for soil mixing, mulching and liquid manuring. 100 lbs., \$4.50; 500 lbs., \$18.00; 1000 lbs., \$35.00; ton, \$65.00.

HARDWOOD ASHES. Highest grade unleached. For top-dressing lawns, especially if the soil is stiff or sour, 1½ tons to the acre. 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$2.75; 500 lbs., \$11.00; 1000 lbs., \$20.00.

SULPHATE OF AMMONIA. Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 50 lbs., \$4.00; 100 lbs., \$7.00.

MURIATE OF POTASH. Apply 100 to 125 lbs. per acre usually with other fertilizers. 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$3.00; 50 lbs., \$4.50; 100 lbs., \$2.50 \$7.50.

TANKAGE. For roses, etc., under glass; similar to dried blood. 50 lbs., \$2.75; 100 lbs., \$5.00; 200 lbs., \$9.00; ton, \$80.00.

MOSS, SPHAGNUM. For filling orchid baskets, etc., and for mixing with potting soil to conserve moisture. In large bales of about 30 lbs. at \$3.50 per bale, f. o. b. Cleveland.

PEAT, ORCHID. For potting orchids, etc. In sacks of about 30 lbs. at \$3.50 per sack.

EAT, ROTTED. Fine for mixing with soil for potted plants such as azaleas, palms, etc. In sacks of about 85 lbs. at \$5.00 per 100 lbs.

LOOD (Dried). For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$2.50; 50 lbs., \$4.50; 100 lbs., \$8.50; 200 lbs., BLOOD (Dried). \$16.00.

INSECTICIDES AND FUNGICIDES

For Insect Pests and Fungous Growths

Parcel Post. Only those insecticides marked *can be shipped through the mails. Articles so marked will be shipped provided sufficient postage is included with your order. Those not marked will be forwarded freight or express charges collect.

- ANSECT. Designed particularly to kill the Rose Bug. It is an exceedingly efficient and powerful contact insecticide, should be used as a spray and diluted in the proportion of one to thirty of water. (For a quart sprayer use 5 teaspoonfuls of Ansect and fill with water.) Gal., \$6.00; pt., \$1.00; qt., \$1.75; 4 oz. sample can, 30c.
- ANT EXTERMINATOR. For red and black ants. This powder exterminates them. ½ lb., 50c; lb., 90c.
- APHINE. Effective against all soft-bodied and plantsucking insects such as green, black, white fly, red spider, thrips, mealy bugs, brown and white scale, currant and cabbage worm, etc. Use as a spray or wash, diluting in water. Pt., 75c; qt., \$1.15; gal., \$3.25.
- *APHISTROGEN. Makes a complete spray for most sucking insects; prepared especially for roses and other plants. 4 oz., 75c; ½ lb., \$1.25; 2 lbs., \$3.50; 12 lbs., \$15.00.
- ARSENATE OF LEAD, POWDER. Has all the advantages of the paste form, but goes twice as far and is easier to handle. Can be applied like Paris Green with powder guns. ½ lb., 30c; lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 25 lbs., \$9.00; 50 lbs., \$17.00; 100 lbs., \$30.00.
- "BLACK LEAF 40" (Sulphate of Nicotine). Highly recommended for destroying aphis, thrips, etc. 02... 35c.
- BORDEAUX MIXTURE, POWDER. In a popular and convenient form for immediate use; can be used dry or with water. ½ lb., 25c; lb., 40c; 4 lbs., \$1.25; 10 lbs., \$2.75; 20 lbs., \$5.00.
- COPPER SOLUTION. An excellent spray for mildew, blight and rust on fruit, flowers and vegetables. Should be diluted 100 times with water. Qt., \$1.50; gal., \$4.00.
- CYANOGAS. For greenhouse fumigation for aphis, white fly, thrip, etc. Easy to use. G Grade, 5 lbs., \$2.50; 25 lbs., \$8.50; 100 lbs., \$25.00.
- DIPDUST-BAYER'S. Possesses remarkable properties for sterilizing seeds, bulbs, roots, and corms of the parasitic seed and plant diseases; also accelerates germination, and stimulates seedling growth. 2 ozs., 50c; 8 ozs., \$1.60; lb., \$2.75; 5 lbs., \$13.00; 25 lbs., \$62.50, not prepaid.
- FUNGINE. A remedy for mildew, rust, bench-rot and other fungi. Does not stain the foliage. Pkt., 75c; qt., \$1.25; gal., \$3.75.
- FUNGTROGEN. A most effective and scientific preventative and remedy for mildew, black spot and other fungoid diseases of roses. Will not discolor the foliage. Pt., \$1.25; qt., \$2.00; ½ gal., \$3.50; gal., \$6.00.
- GETS-THERE SOAP. For washing palms. 3 lbs., \$1.00.
- GRAPE DUST. Very efficient in destroying mildews and preventing blight, either in greenhouses or in the open. 5 lbs., \$1.00.
- HELLEBORE. Best Grade, Powdered, White. For rose slugs, currant worms, etc. ½ lb., 35c; lb., 60c; 5 lbs., \$2.75.
- HERBICIDE WEED KILLER. The best weed exterminator for paths, gutters, drives and tennis courts. Qt., 70c; ½ gal., \$2.20; 1 gal., \$2.20; 5 gals., \$8.80; 10 gals., \$15.00. In 30 gal. drums for \$30.00 plus freight, and 50 gal. bbl. for \$50.00 plus freight from factory in New Jersey.

- INSECTROGEN. A complete spray. Poison, fungicide and fertilizer. Highly effective for leaf chewing insects, and an equally efficient detergent for black spot on Roses and mildew and red spider on Phlox. ½ pt., \$1.00; pt., \$1.75; qt., \$2.75; ½ gal., \$4.50; gal., \$8.00.
- KEROSENE EMULSION. An old reliable remedy for use against many soft bodied and sucking insects like plant lice, scale, mealy bug, etc. Kills by contact. Pt., 50e; qt., 95e; gal., \$2.25.
- *LEMON OIL. It effectually controls mealy bugs, scale, thrips and red spider. Pt., 60e; qt., \$1.00; ½ gal., \$1.75; gal., \$3.00; 5 gal. keg, \$12.50.
- LIME-SULPHUR, POWDERED. Will readily mix with cold water and make fresh liquid Lime-Sulphur. 20 to 25 pounds will make 50 gallons liquid for dormant spray of 32 per cent Baume strength. Lb., 40c; 5 lbs., \$1.40; 10 lbs., \$2.25; 25 lbs., \$4.75; 100 lbs., \$15.50.
- LIME-SULPHUR SOLUTION, LIQUID. For San Jose and all other scale insects. A fungicide. When used against scale, spray when the tree is dormant in the early spring or late fall. Qt., 50c; 2 qts., 75c; gal., \$1.25; 5 gals., \$3.75; ½ bbl., 25c per gal., bbl., 23c per gal. Barrels charged at \$2.00 each, but are returnable for credit.
- NICO-FUME LIQUID. A highly refined solution, containing 40 per cent nicotine, for spraying as a remedy for aphis, thrips, black and white fly. May be used for vaporating. ¼ lb., 85c; lb., \$2.50; 4 lbs., \$8.00; 8 lbs., \$15.00.
- *NICO-FUME TOBACCO PAPER. Consists of a paper saturated with a nicotine solution containing not less than 20 per cent of nicotine. A most effective mode of fumigation for conservatories and greenhouses, leaving no odor in the flowers. Tight can of 24 sheets, \$1.25; 144 sheets, \$5.50; 288 sheets, \$10.00.
- NICO-FUME POWDER FOR GREENHOUSES. A simple and effective preparation for fumigating greenhouses, for plant lice and thrips. It is a specially prepared tobacco powder, which has been treated to insure proper burning qualities, and which is saturated with pure Nicotine. 10 lb. tins, \$8.50; 5 lb. tins, \$4.50.
- PARADICHLOROBENZENE ("Para" for short). For killing the peach-tree borer. Full directions on each package. Lb., 75c; 5 lbs., \$3.50; 10 lbs., \$6.00, not prepaid.
- PARIS GREEN. More extensively used than any other poison. Purest of all brands. ¼ lb., 25c; ½ lb., 40c; lb., 75c. Special prices on large quantities.
- PYROX, HOWKER'S. The one best spray for apples, potatoes and general purposes against leafeating insects and fungous diseases. This combined insecticide and fungicide is better than Paris Green, Arsenate of Lead or Bordeaux Mixture, and cheaper to use. It sticks to foliage like paint, in spite of heavy rains. Mix it with cold water, and it is ready to use. Lb., 50e; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.75; 50 lbs., \$11.50; 100 lbs., \$19.50.
- SCALECIDE. Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons of water. Scalecide does not clog nozzles or pump. Qt., 75c; gal., \$2.00; 5 gals., \$7.50; 10 gals., \$12.50; 30 gal. bbl., \$29.50; 50 gal. bbl., \$43.50.
- SULPHO TOBACCO SOAP. An excellent article for the greenhouse or conservatory. Especially good for destroying scale on palms and other plants. Soluble in warm water. 3 ozs., 15c; 6 ozs., 25c.

INSECTICIDES AND FUNGICIDES—continued

- *SLUG SHOT. Non-poisonous powder. Very effectual in destroying potato bugs, beetle, slugs, worms, caterpillars. Use by dusting on plants. I lb. carton, 20c; 5 lbs., 65c; 10 lbs., \$1.35; 25 lbs.,
- *SULPHUR (Flowers of Sulphur). For mildew on plants, etc. Lb., 15c; 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.25.
- TOBACCO DUST. For dusting and fumigating. grade. The most effective and cheapest remedy for the flea on cabbage, etc. Lb., 15c; 5 lbs., 65c; 10 lbs., \$1.00; 50 lbs., \$3.75; 100 lbs., \$7.00.
- *TOBACCO STEMS. For fumigating. Valuable as a mulch for rose beds and sweet peas. 10 lbs., \$1.00; bbl. sack, \$1.75; 100 lbs., \$3.00.
- THRIP JUICE (Hammond's No. 2). Effective for exterminating aphis, red spider, mealy bug, etc. Pt., S5c; qt., \$1.45; gal., \$4.50.
- *TREE TANGLEFOOT. A paste preparation for painting around the trunks of trees, in the form of a band, and insects and other crawling pests cannot get over it. Lb., 60e; 5 lb. cans, \$2.75; 10 lb. cans, \$5.25; 25 lb. cans, \$11.00.
- VERMINE. For all soil vermin, such as cut-, eel-, wire-, and grub-worms, slugs, root lice, maggots and ants. Pt., 75c; qt., \$1.25; gal., \$3.50.

- VOLCK. A refined oil emulsion that may be used on the most tender foliage with perfect safety. Effectually controls mealy bug, white fly, red spider, aphids, thrips, etc. Does not discolor foliage, but rather imparts a bright glossy appearance. One gallon makes from 32 to 100 gallons of spray solution. ½ pt., 50c; pt., 75c; qt., \$1.00; gal., \$3.00; 5 gals., \$12.00.
- WILSON'S O. K. PLANT SPRAY. For 20 years the Leading Insecticide of America, for inside and outside spraying. For aphis, thrip, mealy bug, scale, rose bugs and many other insects. The only insecticide recommended by the officers of the Garden Club of America. ½ pt., 50c; 1 qt., \$1.50; 1 gal., \$3.50; 5 gals., \$12.00; 10 gals., \$20.00; 25 gals., \$50.00; 50 gals., \$90.00.
- WORM ERADICATOR, READE'S. For removing worms from greenhouses, lawns, flower pots, vases, etc., without damage to the plants. Bottles, 50c and \$1.00; gal., \$4.25.
- *WHALE or FISH OIL SOAP. For destroying and preventing insects on plants, trees, vines, etc. Very easily applied and very effective. Lb., 35c; 5 lb.
- X. L. ALL LIQUID INSECTICIDE. For spraying very delicate plants; kills mealy bug, red spider and all insect pests. Pt., \$1.50; qt., \$2.75; 2 qts., \$5.25. All British measure, which is larger than U. S. measure.

RUSTIC BIRD HOUSES

These Houses Will Bring the Birds Back to You Year After Year

Besides being built for the true purposes of attracting the birds these Woods Craft Houses are well put together and made of selected materials in order to resist the action of the elements.

Only selected first class wood, thoroughly seasoned, is used in the construction of these houses. Years of experience have proven just what woods are most suitable for the different shapes of houses. The demand for the different artistic shapes necessitates that they be made of varied woods most suitable to the designs. Red Cedar, Oak, Cypress, and selected White Pine enter into their construction. The nails and cleats holding them together are thoroughly coated so as to resist rust.

ABOUT WRENS. Place Wren Houses near your dwellings; the wren is hardly ever known to nest off in the woods. If not disturbed, they will become very tame. These Wren Houses are made with 1-inch holes so that sparrows cannot disturb the occupants.

"ART SET"

No. 60 ROBIN HOUSE Price, \$2.00 P. P. Wt., 3 lbs.

WREN HOUSE (Swinging House) Price, \$2.50 P. P. Wt., 5 lbs.

No. 62 BLUE BIRD HOUSE Price, \$2.50 P. P. Wt., 3 lbs.

"ART SET" complete, 3 houses as shown,



No. 11 No. 11 Price, \$2.25 Weight, 3 lbs. No. 12

"COUNTRY LIFE SET"

No. 12 Price, \$2.25 Made to swing Price, \$2.25 P. P. Wt., 3 lbs.

"COUNTRY LIFE SET" complete as shown above for



No. 21



No. 65 "HAVE A HEART" Suet and Grain Holder Price, \$2.75 P. P. Wt., 4 lbs.



No. 65

Bird Supplies

JOHNSON'S

SUPERIOR SONG RESTORER

For Canaries

AN UNEXCELLED BIRD FOOD

This preparation is put up under the old reliable English Recipe for Birds that have lost their song, whether from the effects of moulting or otherwise. Per bottle, 31/2 oz., 25c. (By mail

JOHNSON'S LOUSE POWDER. For dusting Canaries and other Cage Birds that are troubled with Lice, Mites, etc. 25c.

JOHNSON'S BIRD WASH. For use on Canary Birds and all other birds in captivity. Non-poisonous. Allays itching and stops the bird from pulling its feathers. Per Bottle, 25c.

BURNETT'S BIRD TONIC. Invaluable for Birds

feathers. Per Bottle, 25c.
BURNETT'S BIRD TONIC. Invaluable for Birds afflicted with Asthma, Colds, Hard Breathing, etc. Per bottle, 25c.
JOHNSON'S WASHED BIRD SAND. Silver, fine. Pkg., 15c; 2 for 25c. (By mail add 8c per pkg.) BURNETT'S SONG RESTORER. For canaries; revives the desire to be lively and sing more lustily. Per pkg., 25c. (By mail 32c.)
BURNETT'S LOUSE POWDER. An effective remedy to be dusted on all kinds of birds. Per can, 25c. (By mail 30c.)

(By mail 30c.)

(By man 30c.)
SUNFLOWER SEED. We are large handlers of this important food for parrots. We turn out only a very choice article. Per lb., 15c. (By mail 22c.)
NATURAL FISH FOOD. Will keep your fish in a healthy condition if fed to them once a day at a regular hour and only what they will eat. In handsome decorated tin box. Per box, 15c. (By mail 20c.)

Johnson's Freshly Mixed Bird Seed

This seed must not be confused with the cheap bird seeds sold in many stores. We use none but the best seeds obtainable. Lb., 20c; 5 lbs., 90c.

	Pkg.	¼ lb.	Lb.	5 lbs.	10 lbs.
Ant's Eggs					
Canary. Plain Sicily			.20	\$0.90	\$1.50
Hemp Seed			.15	.70	1.30
Millet Seed. (Impor	ted)		.12	.55	1.00
Rape Seed			.20	.90	1.50
Unhulled Rice			.25	1.10	2.00
Bird Manna. Keeps (Canary	Birds i	n prin	ne con	dition.
Pkg., 15c.					
Cuttle Fish Bone. 1	0c eacl	1; ¼ lb	., 20e;	60c j	per lb.
Fish Food. For aqua					
Lettuce Seed. 5c per	r oz.; 1	5c per	1/4 lb.	; lb., 4	40c.
Maw Seed. 1/4 lb., 1	l0e.; 30	e lb.;	5 lbs.	, \$1.25	
Parrot Food. (Sprat	t's.) 2	0c pkg	.; \$2.0	0 doz.	
Sand for Bird Cages.	Fine	, Red o	r Silv	er, 10c	pkg.;
doz. pkgs., \$1.00.	Silver	(coars	e), 10	e pkg	; doz.
pkgs., \$1.00.					
-					
Finact In	mout	ad C			

Finest Imported Canaries

We carry a full line of the very best Imported Canaries in both Hartz Mountain and German Rollers.
Male birds all guaranteed, ranging from \$8.00 to \$15.00 each. Female birds of the above species at \$3.00 each.

Mail order customers may rest assured of a high class selection if same is left to us. We guarantee satisfaction.

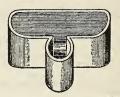
When ordering please state whether your reference in the same is the same of the same is the same of the same is the same of the same is left to us.

When ordering please state whether you prefer a light colored bird or one with some dark markings.

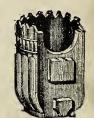
Johnson's Guaranteed Singers

									_								
Hartz	Mountain	males.	 										. 5	S	8.	00	١
CI A	7 7										-		8	-		~ .	1
St. An	dreasberg	males.	 											1	0.	м	Ì
~ 1	. 77 27													_		~ .	١
Sieber	t Rollers,	males	 											- 1	5.	M	
	,									-	•	•		-		v	ė

SEED CUPS



Opal . . Ea., 20c No. 27. No. 25. Crystal .Ea., 15c



No. 25. Opal . . Ea., 20 No. 25. Crystal .. Ea., 150

Bird Baths

	Small size 4" long, 1"Ea.,	\$0.20
	Large size, 4 3/4 " long, leepEa.,	.25
No. 26.	Opal	.20
No. 26.	CrystalEa.,	.15

Cage Springs







Double



Spring and

		SINGLE SPRINGS	
			Each
No.	75.	Brass plated	. \$0.15
No.	95.	Solid Brass	30
		(Heavy) Brass plated	
No.	195.	(Heavy) Solid Brass	35
		CAGE SPRINGS DOUBLE	
		CAGE SITTINGS BOUBLE	Each
No.	275.	Brass plated	. \$0.25
		Solid Brass	

	Eac
No. 730.	Brass plated (30")\$0.2
No. 736.	Brass plated (36")
No. 1730.	Solid Brass (30")
No. 1736.	Solid Brass (36")

SPRINGS AND CHAINS

Cage Brackets

		9]	Each
No.	1710.	Brass plated (10")	:	\$0.25
No.	1810.	Nickel plated (10")		.25
No.	1712.	Brass plated (12")		.30
No.	1812.	Nickel (12")		.30

ORDER SHEET FOR

"SEEDS THAT PRODUCE" JOHNSON'S SEED STORE 2172 East Ninth St. CLEVELAND, OHIO

Please Forward the Follo	owing to AMOUNT ENCLOSES
Name(Ladies, please use prefix Miss or Mrs.; the l Write name and address ve	atter use husband's initials.
Post Office	
R. F. D. No. Box No. Str	cet Check or Draft
Express or Freight Office	Cash
CountySta	tte
(State on this line whether wanted by Ma	ail, Express or Freight.)

For Postage and Express Charges see inside front cover

JOHNSON'S SEED STORE gives no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once.

Quantity	NAME	ES OF SEEDS, BU	LBS, ETC., WANTE	.D	Pr	Price	
	***************************************	***************************************	***************************************				

	·	************************************	***************************************				
	***************************************	***************************************					
***************************************		**************************************	***************************************				
	***************************************	***************************************	***************************************				
		•	*******************************				
973.13			45				
	***************************************	***************************************	20				
	•••••••••••••••••••••••••••••••••••••••	***************************************	**************************************				
······································	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	***************************************	***************************************				
		***************************************	***************************************				
	***************************************					***************************************	

	***************************************			TOTAL			
		(OVI	ER)	TOTAL			

Quantity	NAN	IES OF SEEDS,	bulbs, erc.,	WANTED		Pri	ce
OR PERSON NAMED IN		ALC: YES	ATE		200	-7	E3 34
······································							
			•••••				
	1000			8 6	C. M. A. N.		4 I I L
•••••••••••••••••••••••••••••••••••••••				•••••••••••			
			•				
				••••••••••••••••••			
			······································				
			1		•••••••••••••••••••••••••••••••••••••••		
					- 2 7 61 1		
				•••••••••••••••••••••••••••••••••••••••			
		-					
						-	
		-					
			•••••••••••••••••••••••••••••••••••••••		***************************************		
		••••••					

······			••••••				
***************************************		***************************************	••••••	••••••	***************************************		***************************************
•••••••••••••••••••••••••••••••••••••••							
CDECKAL MO	TICE: We shall es	steem it a grea	t favor if yo	u will gi	ve us in th	e spaces 1	below the
SPECIAL NO	IICE: NAMES AN	D ADDRESSE a copy of ou	S of any of r catalog.	your frie	ends who m	ight be i	nterested
N	AME	DOST OF	FEICE	COL	INITY	S.T.	ATE
IN.	AME	POST OF	FFICE		JNTY	31.	A16
							••••

INDEX

VEGETABLES AND	PAGE	PAGE	PAGE	PAGE
FARM SEEDS	Parsley	Chrysanthemums 50	Nasturtium 56	Maderia Vine 70
PAGE	Parsnip 23	Cineraria 50	Nicotiana 56	Peony Roots 70
Vegetables-	Peas, Table9, 24 Pepper25	Clarkia	Nierembergia 56 Nigella 56	Perennial Plants65, 66
Specialties4 to 10	Pumpkins10, 25	Clove Pinks 52	Trigena	2 10111100, 00
	1 dilipanis, 20	Cobea	Pansy 57	Roses 63, 64
Asparagus Roots 11	Radish 5, 26	Cockscomb 50	Petunia36, 38, 57	77-1
Asparagus Roots 11	Rhubarb 23	Coleus 50	Phlox	Tuberoses 70
Beans4, 11, 12	Rutabaga 30	Columbine 45	Pinks37, 52	Waterlilies 66
Beets, Table4, 5, 13		Coreopsis 50	Poppy36, 38, 58	***************************************
Beets, Sugar 13	Sage 30	Cornflower 50	Portulaca 58	SMALL FRUITS 71
Brussels Sprouts 13	Salsify 25	Cosmos34, 51	Primula 58	
Brussels Eprodision 10	Spinach 27	Cyclamen 51	Primrose 58	Strawberries 71
Cabbage5, 8, 15	Squash 27	Cypress Vine 51	Pyrethrum 58	
Carrots	Swiss Chard 13	Daisy 51	Red Hot Poker 59	SHRUBS-ORNA-
Cauliflower5, 16	m	Delphinium 52	Ricinus 58	MENTAL
Celeriac 16	Tomato28, 29	Dianthus37, 52	Rudbeckia 58	PLANTS 67
Celery	Turnip 30	Digitalis	Trudbecking	
Chervil 18	Witloof Chicory 19	Dimorphotheca 52	Salpiglossis 58	IMPLEMENTS AND
Chicory 19	Without Chicory 19	Dracaena 52	Salvia39, 58	SUNDRIES.71 to 76
Chinese Cabbage 8	PERENNIAL	Dusty Miller 50	Scabiosa37, 38, 41, 59	Ant Destroyer 78
Clover 31	PLANTS on		Scarlet Runner Beans 47	Arsenate of Lead 78
Corn Salad 18	pages65, 66	Eschscholtzia 53	Scarlet Sage39, 58	Alsenate of Lead 70
Corn, Sweet4, 7, 8, 18	pages	Euphorbia 53	Schizanthus 59	Books 42
Cress	FLOWER SEEDS	Everlasting Flowers 53	Shasta Daisy 51	Bird Houses 79
Cucumbers8, 17	FLUWER SEEDS	Feverfew 55	Snapdragon34, 35, 44 Snow on the Moun-	Bordeaux Mixtures 78
Cucumbers	Abutilon 43	Floss Flower 43	tain	Brooders 76
Dandelion 18	Achillea 43	Forget-me-not 56	Stocks	Cultivators 76
Dill 17	Aconitum 43	Four O'clock 55	Stokesia	Cuttivators
	Aeroclinium 43	Foxglove 52	Straw Flower 53	Dusters 75
Egg Plant	Ageratum41, 43		Summer Cypress 54	
Endive 19	Alyssum	Gaillardia35, 53	Sunflower41, 59	Fertilizers
Farm Seeds 28	Antirrhinum34, 35, 44	Godetia53	Sweet Alyssum 43	Flower Pots72, 73
French Endive 19	Aquilegia 45	Gourds, Ornamental 53	Sweet Peas39, 61, 62	Garden Tools 76
French Engive 19	Asters33, 41, 45, 46, 47	Gypsophila 54	Sweet Sultans 50 Sweet William37, 59	Grafting Wax 72
Grasses	125,615 1105, 51, 51, 51,	Hardy Sweet Pea 55	Sweet William57, 59	
Grass Mixtures2, 3	Baby's Breath 54	Helichrysum 53	Thunbergia 59	Hand Weeders 74
Class Planta Control ()	Bachelor's Button 50	Heliotrope 54	Tritoma 59	Hedge Shears 73
Herbs 30	Balloon Vine 47	Hollyhock36, 54	TT 1	Incubators 76
Horse Radish Sets 19	Balsam 47		Verbena 60	Implements 76
	Beans, Scarlet Runner 47	Ipomoea 54	Vinca 59	Inoculator 31
Kale 19	Begonia 48		Wallflower38, 60	Insecticides78, 79
Kohlrabi 20	Bell Flower 49 Bellis (Daisy) 48	Kochia 54	White Moonflower 54	Warran Frankin 70
7 0 16	Blanket Flower 53	Lady Slipper 47	Woolflower 37	Kerosene Emulsion 78
Lawn Grass Mix-	Diamet Tiower	Lantana 55		Mole Traps 72
tures2, 3	Calceolaria 48	Larkspur41, 55	Zinnia40, 62	_
Leek 20	Calendula35, 48	Lathyrus		Pruning Shears 73
Lettuce 20	California Poppy 53	Lemon Verbena 60	BULBS AND ROOTS	Saws, Pruning 73
Mangels-Wurzel 13	Calliopsis 48	Lilium-Regale Seed 37	a	Sheep Manure 77
Melons, Musk 21	Campanula 49	Lobelia	Caladiums 70	Slug Shot
Melons, Water 21	Canary Bird Flower 48	Lupinus	Cannas	Sprayers 75
Mushroom Spawn 21	Candytuft 34	36113	Chimamon vine 10	Sprinklers 71
Mustard 21	Carterbury Bells 49 Cardinal Climbers41, 48	Marigold 55 Marvel of Peru 55	Dahlias 69	771
Translate	Carnation 49	Marvel of Peru 55		Thermometers 74
Okra 22	Castor Oil Beans 58	Mignonette 56	Elephant's Ear 70	Tubs 74
Onion Seed 22	Celosia 37	Moonflower 54	Gladiolus 68	Weeders 74
Onion Sets 22	Centaurea 50	Morning Glory 54		Weed Killer 78
Oyster Plant 25	Chinese Wool Flower. 37	Myosotis 56	Lilium 1	Wheel Hoes 76

A Complete Library of Garden Books Is Offered on Page 42

FALL BULBS, ETC.

We shall in season have a large and select line of all bulbs adapted for fall planting. We import these direct from Holland, France, etc., in large quantities.

Tulips, Hyacinths, Crocus.

Freesias. Mammoth size. June and July.

Lilium Harrisi. July and August. Roman Hyacinths. August and Septem-

Roman Hyacinths. August and September.

Lilium Candidum, Paper White Narcissus, Dutch Hyacinths, Tulips and Narcissus. September and October. Hardy Lilies, Chinese Narcissus. October and November.

Ask for Fall Catalog, ready about September 1st.

GARDEN GUIDE

A Complete Handbook for the Amateur Gardener

Garden Guide has wonderful chapters devoted to the Vegetable, Flower, and Fruit Gardens, with practical layouts and planting plans.

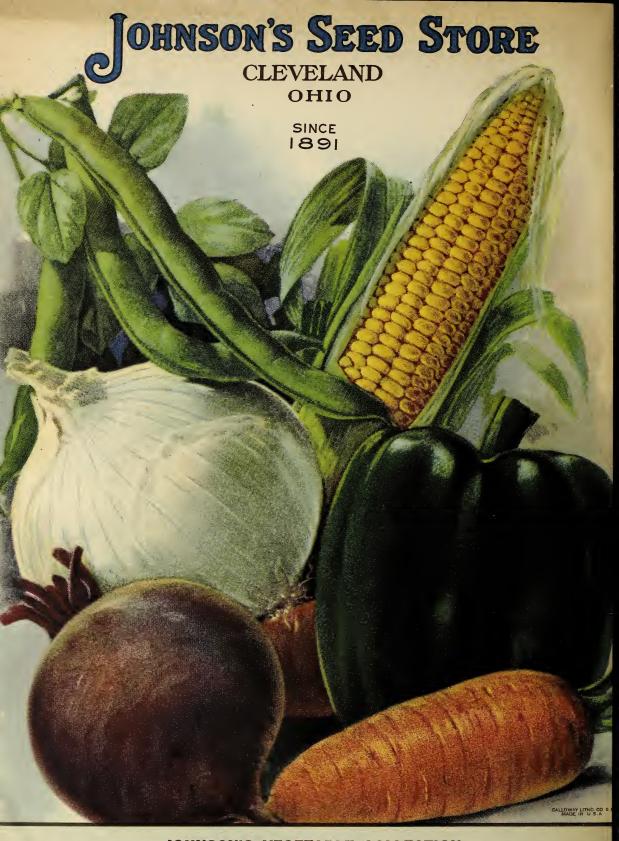
It tells you in full about how to prepare and fertilize your ground, how to distinguish and get rid of insect pests.

All the flowers and bulbs with planting plans; the lawn, ornamental trees and shrubs, vines, water plants.

How to prune your plants, how to propagate plants; how to construct hotbeds and forcing frames; how to spray; about tools, rustic furniture, birds of the garden, canning, winter storage of food and plants, etc.

Covers every step from spading the ground to preserving the harvest.

Price, cloth cover, \$1.50; postpaid. \$1.65.



JOHNSON'S VEGETABLE COLLECTION JOHNSON'S Kentucky Wonder Beans — JOHNSON'S California Giant Pepper — JOHNSON'S Chantenay Carrot

JOHNSON'S KENTUCKY WONDER BEARS — JOHNSON'S CAINTONNIA GIART PEPPER — JOHNSON'S CHARLENAY CAINTON JOHNSON'S Early Wonder Beet — JOHNSON'S Early Golden Giart Sweet Corn ENTIRE COLLECTION OF SIX VEGETABLES, ONE PACKAGE EACH, 50°C POSTPAID